

Specifications:

Gene:	<i>h</i> SLAMF6
Accession:	NP_443163
Insert size:	1009bp
Concentration:	10µg at 0.2µg/µL

*h*NTB-A/SLAMF6 cDNA Plasmid

SLAMF6 SLAM family member 6
[*Homo sapiens* (human)]

Also known as: KALI; NTB-A;
CD352; KAL1b; Ly108; NTB-A; SF2000

Summary:

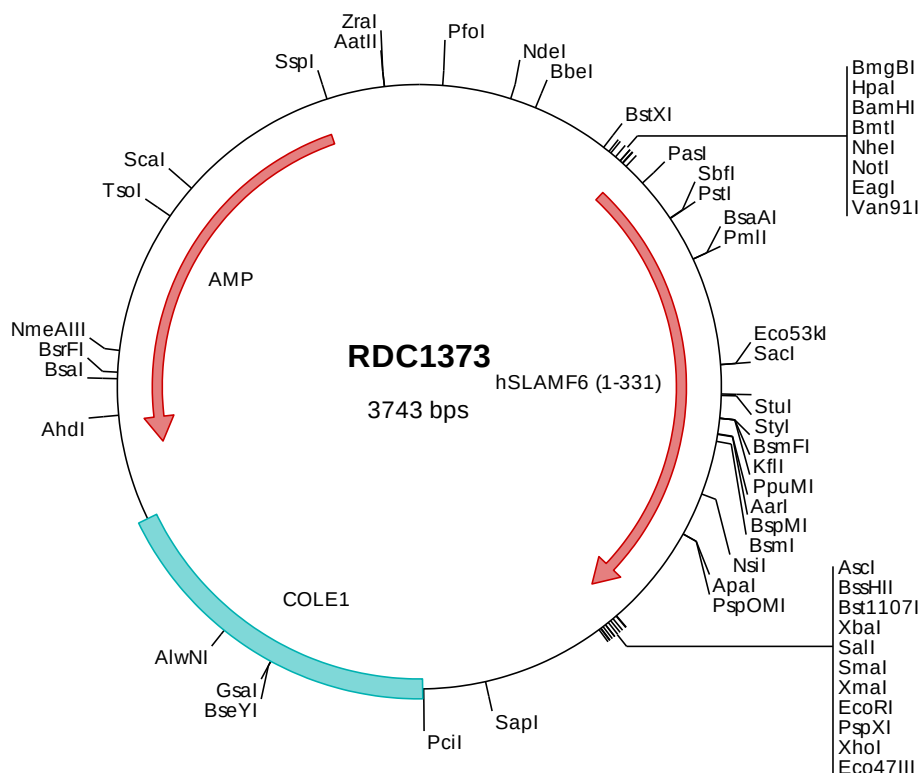
SLAMF6 is a type I transmembrane glycoprotein that belongs to the SLAM subgroup of the CD2 family. It is expressed on Natural killer (NK), T, and B lymphocytes. SLAMF6 functions as an activating coreceptor on NK and T cells. It undergoes tyrosine phosphorylation and associates with the Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases (SHPs). Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC1373 Plasmid DNA Sequence

```

1   tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctct  gtaagcggat  gccgggagca  gacaagcccc
101  tcagggcgcg  tcagcgggtg  ttggcgggtg  tcggggctgg  ctttaactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gtgtgaaata
201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctcgcc  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcgctat
301  tacgccagct  ggcgaaagg  ggaatgtctg  caaggcgatt  aagttgggta  acgccagggt  tttcccagtc  acgacgttgt  aaaacgacgg  ccagtgaatt
401  ggagacgtgt  taacaagctt  ggatccgata  tcgctagcgc  ggccgcacc  atgttggtgg  tgttccaatc  gctcctgttt  gtcttctgct  ttggcccagg
501  gaatgtagtt  tcacaaagca  gcttaacccc  attgatggtg  aacgggattc  tgggggagtc  agtaactctt  cccctggagt  tctctgcagg  agagaaggtc
601  aacttcatca  cttggctttt  caatgaacaa  tctcttgctt  tcatagtacc  ccataaaacc  aaaagtccag  aaatccacgt  gactaatccg  aaacagggaa
701  agcgactgaa  cttacccag  tctactccc  tgcaactcag  caacctgaag  atggaagaca  caggctctta  cagagcccag  atatccacaa  agacctctgc
801  aaagctgtcc  agttacactc  tgaggatatt  aagacaactg  aggaacatac  aagttaccaa  tcacagtcag  ctatttcaga  atatgacctg  tgagctccat
901  ctgaactgct  ctgtggagga  tgcagatgac  aatgtctcat  tcagatggga  ggccctggga  aacacacttt  caagtcagcc  aaacctcact  gtctctggg
1001  acccgactgaa  cttacccag  tctactccc  tgcaactcag  caacctgaag  atggaagaca  caggctctta  cagagcccag  atatccacaa  agacctctgc
1101  taaaattcaa  tatacagata  ccaaaatgat  tctgtttatg  gtttctggga  tatgcatagt  cttcggtttc  atcatactgc  tgttacttgt  tttgagggaa
1201  agaagagatt  cctctctttt  gtctactcag  cgaacacagg  gccctgagtc  cgcaaggaa  cttagagtatg  tttcagtgct  tccaacgaac  aacactgtgt
1301  atgcttcagt  cactcatcca  aacagggaaa  cagaaactag  gacaaactaga  gaaaatgata  ctatcacaat  ttactccaca  attaatcatt  ccaagcagag
1401  taaacccact  ttctccagg  caactgccct  tgacaatgtc  gtgtaaaggc  gccccagtat  actctagagt  cgacaccgg  ggaattcctc  gagcgctcgt
1501  ctctagcttg  gcgtaatcat  ggtcatagct  gtttctctgt  tgaaattggt  atccgctcac  aattccacac  aacatacgag  ccggaagcat  aaagtgtaaa
1601  gcctgggggtg  cctaagtgt  gagctaactc  acattaattg  cggttcgctc  actgcccgt  ttccagtcgg  gaaacctgtc  gtgccagctg  cattaatgaa
1701  tcggccaacg  cgcggggaga  ggcggtttgc  gtattggcg  ctcttcgctc  tctcgcgtca  ctgactcgct  gcgctcggtc  gttcggctgc  gccgagcggt
1801  atcagctcac  tcaaaaggcg  taatacgggt  atccacagaa  tcaggggata  acgcaggaaa  gaacatgtga  gcaaaaggcc  agcaaaaggc  caggaacctg
1901  aaaaaggcg  cgttgctggc  gtttctccat  cccctgacga  cccctgacga  gcatacaaaa  aatcgacgct  caagtcagag  gtggcgaaac  ccgacaggac
2001  tataaagata  ccaggcgctt  cccctcgtaa  gctcctctgt  ggcgtctcct  gttccgacct  tgccgcttac  cggtacactg  tccgctcttc  tcccttcggg
2101  aagcgtggcg  ctttctcaat  gctcacgctg  taggtatctc  agttcgggtg  aggtcgttcg  ctccaagctg  ggctgtgtgc  acgaaccccc  gtttcagccc
2201  gaccgctcgg  ccttatccgg  ttaactcgt  cttagtcca  acccggttaag  acacgactta  tcgccaactg  cagcagccac  tggtaacagg  attagcagag
2301  cgaggtatgt  aggcggtgct  acagagttct  tgaagtgtg  gcctaactac  ggctacacta  gaaggacagt  atttggtatc  tgcgctctgc  tgaagccagt
2401  taccttcgga  aaaaagattg  gtagctcttg  atccggcaaa  caaacaccgg  ctggtagcgg  tggttttttt  gtttgcaagc  agcagattac  gcgcagaaaa
2501  aaaggatctc  aagaagatcc  tttgatcttt  tctacgggtg  ctgacgtcca  gtgggaacga  aactcacgtt  aagggatttt  ggctcatgaga  ttatcaaaaa
2601  ggatcttcac  ctatagctct  ttaaatataa  aatgaagttt  taaatcaatc  taaagtatat  atgagttaac  ttggtctgac  agttaccaat  gcttaatcag
2701  tgaggcaact  atctcagcga  tctgtctatt  tcgtctatcc  atagttgcct  gactccccgt  cgtgtagata  actacgatac  gggagggctt  accatctggc
2801  cccagtgtcg  caatgatacc  gcgagacca  cgctcaccgg  ctccagattt  atcagcaata  aaccagccag  ccggaaggcg  cgagcgagag  agtggctctg
2901  caactttatc  cgctccatc  cagtctatta  attgttgccg  ggaagctaga  gtaagtatt  cgccagttaa  tagtttgccg  aacgttgttg  ccattgctac
3001  aggcacgtgt  gtgtcacgct  cgtcgtttgg  tatggctcca  ttcagctccg  gttcccaacg  atcaaggcga  gttacatgat  ccccatgttt  gtgcaaaaaa
3101  gcggttagct  ccttcggctc  tccgatcgtt  gtcagaagta  agttggccgc  agtgattatca  ctcatgggta  tggcagcact  gcataattct  cttactgtca
3201  tgccatccgt  aagatgcttt  tctgtgactg  gtgagtactc  aaccaagtc  ttctgagaat  agtgatgcg  gcgaccgagt  tgctcttgcc  cgcgctcaat
3301  accggataat  accgcgccac  atagcagaac  tttaaaagt  ctcatcattg  gaaaacgttc  ttccggggcg  aaactctcaa  ggtacttacc  cgtgttgaga
3401  tccagttcga  tgtaaccac  tctgtcaccc  aactgatctt  cagcatcttt  tactttcacc  agcgtttctg  ggtgagcaaa  aacaggaagg  caaaatgccg
3501  caaaaaagg  aataaggcg  acacggaaat  gttgaatact  catactcttc  ctttttcaat  attattgaag  cattatcag  ggttattgtc  tcatgagcgg
3601  atacatat  gaattgtatt  agaaaaataa  acaaatagg  gttccgcga  catttcccc  aaaagtcca  cctgacgtct  aagaaacct  tattatcatg
3701  acattaacct  ataaaaatag  gcgtatcacg  aggccttttc  gtc

```

> RDC1373 Translated Insert Sequence

```

1   mlwlfqslf  vfcfpgnvv  sqssltplmv  ngilgesvtl  plefpagekv  nfitwlfnet  slafivphet  kspeihvtnp  kqgkrlnftq  syslqlsnlk
101  medtgsyraq  istktsakls  sytlrllrql  rniqvtnhsg  lfqnmtcelh  ltcsvdadd  nvsfrwealg  ntlssqpnl  vswdprisse  qdytciaena
201  vsnlsfsvsa  qklcedvkiq  ytdtkmilfm  vsigicvf  iillllvlrk  rrdslslstq  rtqgpesarn  leyvsvsptn  ntvyasvths  nreteiwtpr
301  endtitiyst  inhskeskpt  fsrataldnv  v

```