*h*CRACC/SLAMF7 VersaClone cDNA

Catalog Number: RDC1626

Specifications:

Gene:	*h*SLAMF7
Accession:	NP_067004
Insert size:	1021bp
Concentration:	10µg at 0.2µg/µL

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

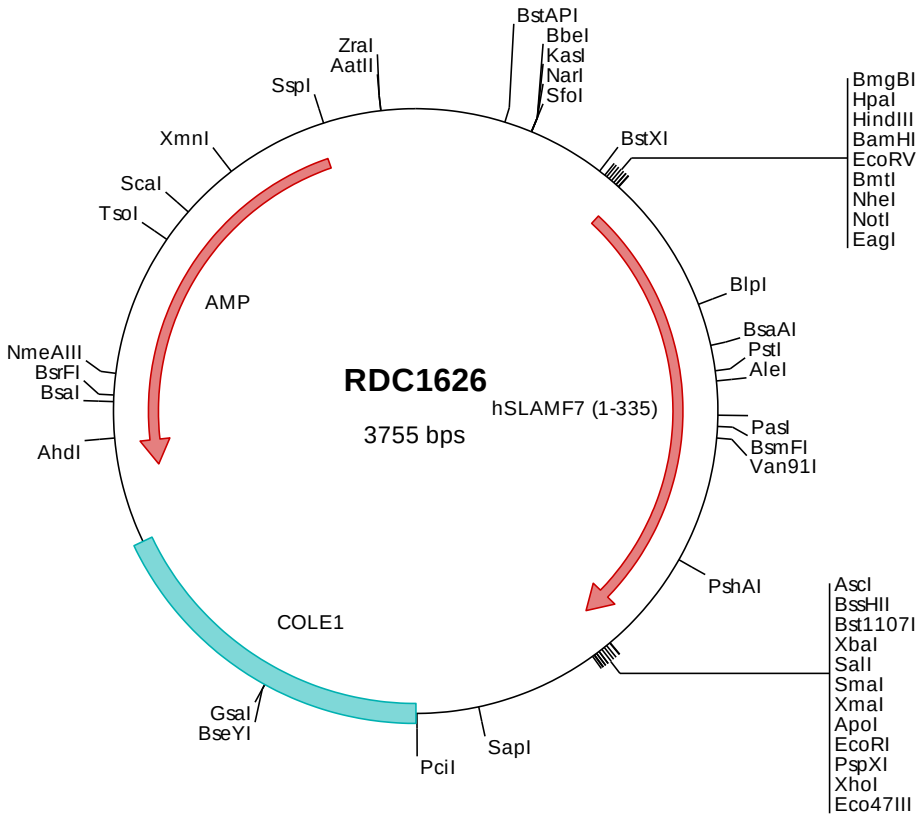
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*CRACC/SLAMF7 cDNA Plasmid

SLAMF7 SLAM family member 7
[*Homo sapiens* (human)]

Also known as: 19A; CS1; CD319; CRACC

Summary:
SLAMF7 is a type I transmembrane protein belonging to the CD2 subset of the Ig superfamily. It is expressed on most NK cells and subsets of $CD8^+$ cells, $CD4^+$ cells and B cells. SLAMF7 may play a role in the activation and effector function of T cells and NK cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1626 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggctggtt ccccaacatg cctcaccctc atctatatcc tttggcagct
 501  cacagggtca gcagcctctg gacccgtgaa agagctggtc ggttccgttg gtggggccgt gactttcccc ctgaagtcca aagtaaagca agttgactct
 601  attgtctgga ccttcaacac aacccctctt gtcaccatac agccagaagg gggcactatc atagtgaccc aaaatcgtaa tagggagaga gtagacttcc
 701  cagatggagg ctactccctg aagctcagca aactgaagaa gaatgactca gggatctact atgtggggat atacagctca tcactccagc agccctccac
 801  ccaggagtac gtgctgcatg tctacgagca cctgtcaaag cctaaagtca ccatgggtct gcagagcaat aagaatggca cctgtgtgac caatctgaca
 901  tgctgcatgg aacatgggga agaggatgtg atttatacct ggaaggccct ggggcaagca gccaatgagt cccataatgg gtccatcctc cccatctcct
1001  ggagatgggg agaaagtgat atgaccttca tctgcgttgc caggaaccct gtcagcagaa acttctcaag ccccatcctt gccaggaagc tctgtgaagg
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1301  acgacacaat ccctcacact aatagaacaa tcctaaagga agatccagca aatacggttt actccactgt ggaaataccg aaaaagatgg aaaatcccca
1401  ctcactgctc acgatgccag acacaccaag gctatttgcc tatgagaatg ttatctaaag gcgcgccagt atactctaga gtcgacaccc ggggaattcc
1501  tcgagcgctc gtctctagct tggcgtaatc atggtcatag ctgtttcctg tgtgaaattg ttatccgctc acaattccac acaacatacg agccggaagc
1601  ataaagtgta aagcctgggg tgcctaatga gtgagctaac tcacattaat tgcgttgcgc tcactgcccg ctttccagtc gggaaacctg tcgtgccagc
1701  tgcattaatg aatcggccaa cgcgcgggga gaggcggttt gcgtattggg cgctcttccg cttcctcgct cactgactcg ctgcgctcgg tcgttcggct
1801  gcggcgagcg gtatcagctc actcaaaggc ggtaatacgg ttatccacag aatcagggga taacgcagga aagaacatgt gagcaaaagg ccagcaaaag
1901  gccaggaacc gtaaaaaggc cgcgttgctg gcgtttttcc ataggctccg ccccccctgac gagcatcaca aaaatcgacg ctcaagtcag aggtggcgaa
2001  acccgacagg actataaaga taccaggcgt ttcccccctgg aagctccctc gtgcgctctc ctgttccgac cctgccgctt accggatacc tgtccgcctt
2101  tctcccttcg ggaagcgtgg cgctttctca atgctcacgc tgtaggtatc tcagttcggt gtaggtcgtt cgctccaagc tgggctgtgt gcacgaaccc
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2301  ggattagcag agcgaggtat gtaggcggtg ctacagagtt cttgaagtgg tggcctaact acggctacac tagaaggaca gtatttggta tctgcgctct
2401  gctgaagcca gttaccttcg gaaaaagagt tggtagctct tgatccggca aacaaaccac cgctggtagc ggtggttttt ttgtttgcaa gcagcagatt
2501  acgcgcagaa aaaaaggatc tcaagaagat cctttgatct tttctacggg gtctgacgct cagtggaacg aaaactcacg ttaagggatt ttggtcatga
2601  gattatcaaa aaggatcttc acctagatcc ttttaaatta aaaatgaagt tttaaatcaa tctaaagtat atatgagtaa acttggtctg acagttacca
2701  atgcttaatc agtgaggcac ctatctcagc gatctgtcta tttcgttcat ccatagttgc ctgactcccc gtcgtgtaga taactacgat acgggagggc
2801  ttaccatctg gccccagtgc tgcaatgata ccgcgagacc cacgctcacc ggctccagat ttatcagcaa taaaccagcc agccggaagg gccgagcgca
2901  gaagtggtcc tgcaacttta tccgcctcca tccagtctat taattgttgc cgggaagcta gagtaagtag ttcgccagtt aatagtttgc gcaacgttgt
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3201  ctcttactgt catgccatcc gtaagatgct tttctgtgac tggtgagtac tcaaccaagt cattctgaga atagtgtatg cggcgaccga gttgctcttg
3301  cccggcgtca atacgggata ataccgcgcc acatagcaga actttaaaag tgctcatcat tggaaaacgt tcttcggggc gaaaactctc aaggatctta
3401  ccgctgttga gatccagttc gatgtaaccc actcgtgcac ccaactgatc ttcagcatct tttactttca ccagcgtttc tgggtgagca aaaacaggaa
3501  ggcaaaatgc cgcaaaaaag ggaataaggg cgacacggaa atgttgaata ctcatactct tccttttca atattattga agcatttatc agggttattg
3601  tctcatgagc ggatacatat ttgaatgtat ttagaaaaat aaacaaatag gggttccgcg cacatttccc cgaaaagtgc cacctgacgt ctaagaaacc
3701  attattatca tgacattaac ctataaaaat aggcgtatca cgaggccctt tcgtc
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> RDC1626 Translated Insert Sequence

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 101  giyyvgiyss slqqpstqey vlhvyehlsk pkvtmglqsn kngtcvtnlt ccmehgeedv iytwkalgqa aneshngsil piswrwgesd mtficvarnp
 201  vsrnfsspil arklcegaad dpdssmvllc lllvplllsl fvlglflwfl krerqeeyie ekkrvdicre tpnicphsge nteydtipht nrtilkedpa
 301  ntvystveip kkmenphsll tmpdtprlfa yenvi
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