*m*CRACC/SLAMF7 VersaClone cDNA

Catalog Number: RDC1427

Specifications:

Gene:	*m*Slamf7
Accession:	BAE43122
Insert size:	1015bp
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

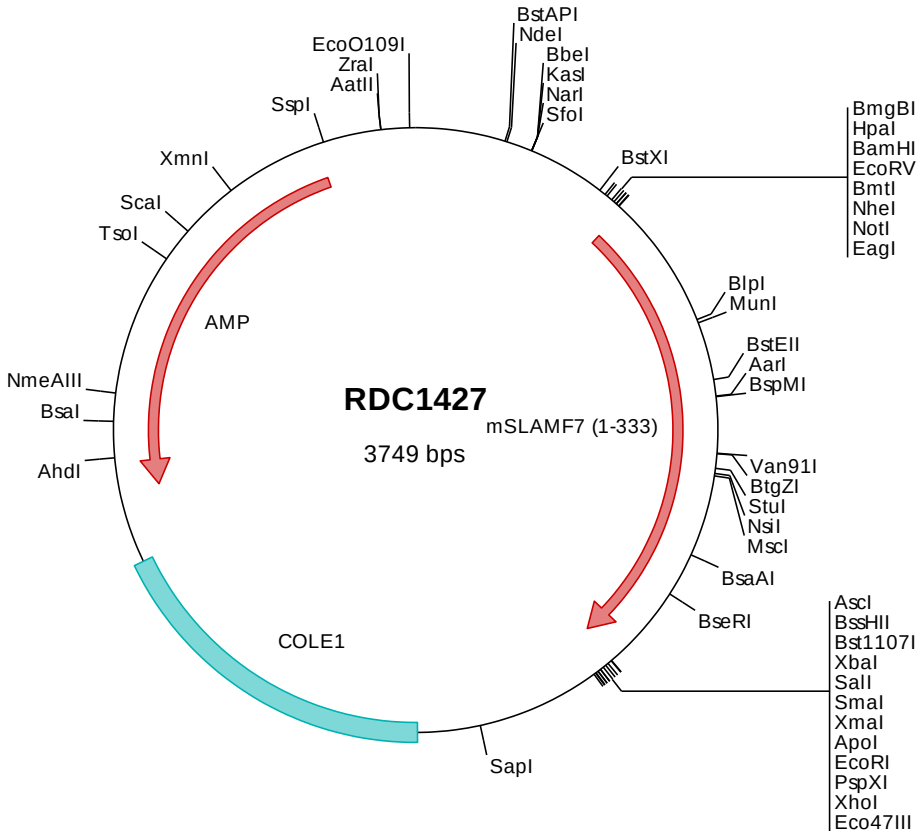
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*CRACC/SLAMF7 cDNA Plasmid

Slamf7 SLAM family member 7 [*Mus musculus* (house mouse)]

Also known as: 19A; CS1; 19A24; 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.



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NOT FOR USE IN HUMANS

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> RDC1427 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atggctcgtt tctcaacgta catcatcttt acctctgtcc tctgtcagct
 501  aacagtcaca gcagcttctg gaactctgaa gaaggtggcc ggtgcccttg atggatctgt gacattcact ctgaatatca ctgaaataaa ggttgactat
 601  gttgtatgga cgttcaacac attctttctt gccatggtaa aaaaagacgg cgttacatca caaagtagta acaaagaaag gatagtcttt ccagatggac
 701  tctactccat gaagctcagc caattgaaga agaatgactc tggagcctac cgtgcagaga tttacagtac atcgagtcag gcttccttaa tccaggagta
 801  tgtgctgcat gtctacaagc atttgtcaag gcccaaggtc accatagatc ggcaaagcaa caagaatggc acctgcgtaa tcaatctgac atgttccacg
 901  gatcaggacg gggagaatgt aacctacagc tggaaagctg tggggcaggg ggacaatcag tttcatgatg gtgccaccct ctccatcgcc tggagatcag
1001  gagagaaaga ccaggcctta acatgcatgg ccaggaatcc agtcagcaac agtttctcaa cccccgtctt tccccagaag ctctgtgaag atgctgccac
1101  ggatctaact tcactcaggg gcatcctata catcctgtgc ttctcagcag tgctcatcct atttgctgtc ttgctgacta tttttcatac tacgtggata
1201  aagaaaagaa aaggatgtga ggaagacaag aagagagtgg acaggcacca ggaaatgccc gacttgtgcc ctcacttaga ggagaacgca gactatgaca
1301  caatccctta cacggaaaaa agaagaccag aagaagatgc accaaacaca ttttattcca ctgtgcagat ccccaaagtg gtaaagagtc ccagctccct
1401  gcctgcaaag ccactcgtgc caaggtcatt aagctttgaa aatgttatct aaaggcgcgc cagtatactc tagagtcgac acccggggaa ttcctcgagc
1501  gctcgtctct agcttggcgt aatcatggtc atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagccgg aagcataaag
1601  tgtaaagcct ggggtgccta atgagtgagc taactcacat taattgcgtt gcgctcactg cccgctttcc agtcgggaaa cctgtcgtgc cagctgcatt
1701  aatgaatcgg ccaacgcgcg gggagaggcg gtttgcgtat tgggcgctct tccgcttcct cgctcactga ctcgctgcgc tcggtcgttc ggctgcggcg
1801  agcggtatca gctcactcaa aggcggtaat acggttatcc acagaatcag gggataacgc aggaaagaac atgtgagcaa aaggccagca aaaggccagg
1901  aaccgtaaaa aggccgcgtt gctggcgttt ttccataggc tccgcccccc tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg cgaaacccga
2001  caggactata aagataccag gcgtttcccc ctggaagctc cctcgtgcgc tctcctgttc cgaccctgcc gcttaccgga tacctgtccg cctttctccc
2101  ttcgggaagc gtggcgcttt ctcaatgctc acgctgtagg tatctcagtt cggtgtaggt cgttcgctcc aagctgggct gtgtgcacga acccccgtt
2201  cagcccgacc gctgcgcctt atccggtaac tatcgtcttg agtccaaccc ggtaagacac gacttatcgc cactggcagc agccactggt aacaggatta
2301  gcagagcgag gtatgtaggc ggtgctacag agttcttgaa gtggtggcct aactacggct acactagaag gacagtattt ggtatctgcg ctctgctgaa
2401  gccagttacc ttcggaaaaa gagttggtag ctcttgatcc ggcaaacaaa ccaccgctgg tagcggtggt ttttttgttt gcaagcagca gattacgcgc
2501  agaaaaaaag gatctcaaga agatcctttg atcttttcta cggggtctga cgctcagtgg aacgaaaact cacgttaagg gattttggtc atgagattat
2601  caaaaaggat cttcacctag atccttttaa attaaaaatg aagttttaaa tcaatctaaa gtatatatga gtaaacttgg tctgacagtt accaatgctt
2701  aatcagtgag gcacctatct cagcgatctg tctatttcgt tcatccatag ttgcctgact ccccgtcgtg tagataacta cgatacggga gggcttacca
2801  tctggcccca gtgctgcaat gataccgcga gacccacgct caccggctcc agatttatca gcaataaacc agccagccgg aagggccgag cgcagaagtg
2901  gtcctgcaac tttatccgcc tccatccagt ctattaattg ttgccgggaa gctagagtaa gtagttcgcc agttaatagt ttgcgcaacg ttgttgccat
3001  tgctacaggc atcgtggtgt cacgctcgtc gtttggtatg gcttcattca gctccggttc ccaacgatca aggcgagtta catgatcccc catgttgtgc
3101  aaaaaagcgg ttagctcctt cggtcctccg atcgttgtca gaagtaagtt ggccgcagtg ttatcactca tggttatggc agcactgcat aattctctta
3201  ctgtcatgcc atccgtaaga tgcttttctg tgactggtga gtactcaacc aagtcattct gagaatagtg tatgcggcga ccgagttgct cttgcccggc
3301  gtcaatacgg gataataccg cgccacatag cagaacttta aaagtgctca tcattggaaa acgttcttcg gggcgaaaac tctcaaggat cttaccgctg
3401  ttgagatcca gttcgatgta acccactcgt gcacccaact gatcttcagc atcttttact ttcaccagcg tttctgggtg agcaaaaaca ggaaggcaaa
3501  atgccgcaaa aaagggaata agggcgacac ggaaatgttg aatactcata ctcttccttt ttcaatatta ttgaagcatt tatcagggtt attgtctcat
3601  gagcggatac atatttgaat gtatttagaa aaataaacaa ataggggttc cgcgcacatt tccccgaaaa gtgccacctg acgtctaaga aaccattatt
3701  atcatgacat taacctataa aaataggcgt atcacgaggc cctttcgtc
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> RDC1427 Translated Insert Sequence

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   1  marfstyiif tsvlcqltvt aasgtlkkva galdgsvtft lniteikvdy vvwtfntffl amvkkdgvts qssnkerivf pdglysmkls qlkkndsgay
 101  raeiystssq asliqeyvlh vykhlsrpkv tidrqsnkng tcvinltcst dqdgenvtys wkavgqgdnq fhdgatlsia wrsgekdqal tcmarnpvsn
 201  sfstpvfpqk lcedaatdlt slrgilyilc fsavlilfav lltifhttwi kkrkgceedk krvdrhqemp dlcphleena dydtipytek rrpeedapnt
 301  fystvqipkv vkspsslpak plvprslsfe nvi
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