*h*SALM2/LRFN1 VersaClone cDNA

Catalog Number: RDC1797

Specifications:

Gene:	*h*LRFN1
Accession:	NP_065913
Insert size:	2329bp
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

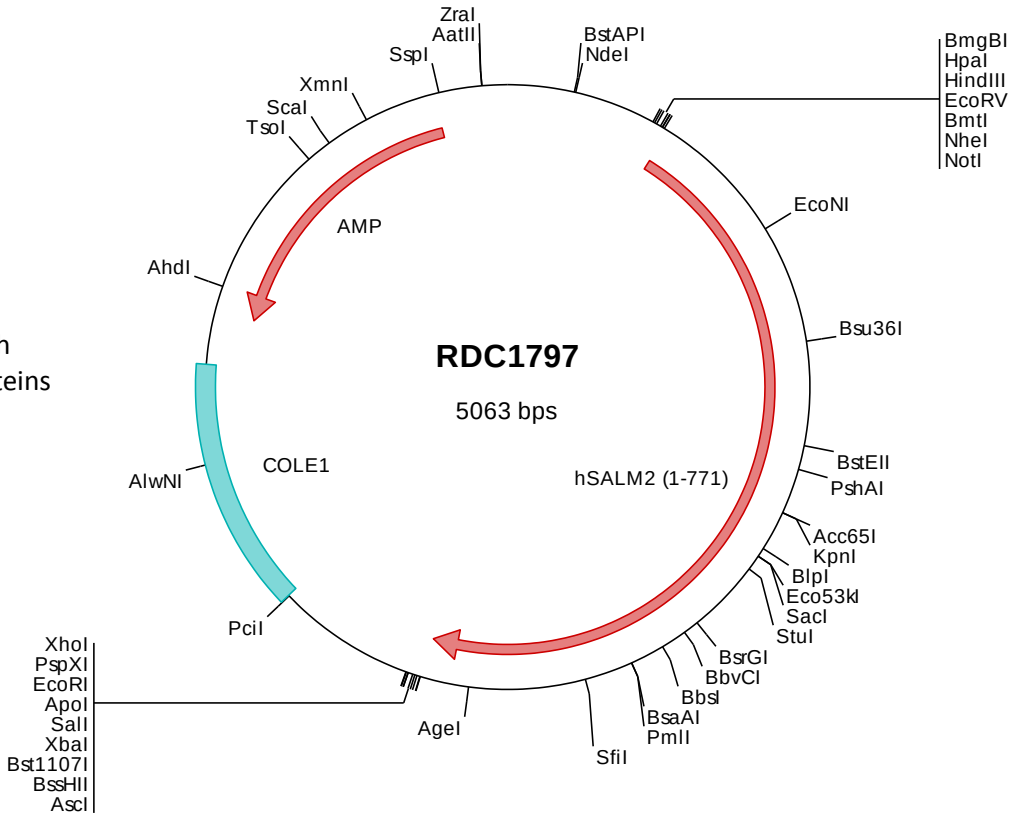
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*SALM2/LRFN1 cDNA Plasmid

LRFN1 leucine rich repeat and fibronectin type III domain containing 1 [*Homo sapiens* (human)]

Also known as: SALM2

Summary:
SALM2 is a member of the LRFN family of type I transmembrane glycoproteins. It co-localizes with both pre- and post-synaptic proteins at excitatory synapses in mature neurons and promotes neurite outgrowth.



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NOT FOR USE IN HUMANS

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> RDC1797 Plasmid DNA Sequence

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 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 atggctccag gacccttctc ctcggccctc ctctcgccgc cgcccgctgc
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 601  tgcgccaaga ccggcttgct ctttgtgccg cccgccatcg accggcgcgt ggtggagctg cggctcaccg acaacttcat cgccgccgtg cgccgccgag
 701  acttcgccaa catgaccagc ctggtgcacc tcactctctc ccggaacacc atcggccagg tggcagctgg cgccttcgcc gacctgcgtg ccctccgggc
 801  cctgcacctg gacagcaacc gcctggcgga ggtgcgcggc gaccagctcc gcggcctggg caacctccgc cacctgatcc ttggaaacaa ccagatccgc
 901  cgggtggagt cggcggcctt tgacgccttc ctgtccaccg tggaggacct ggatctgtcc tacaacaacc tggaggccct gccgtgggag gcggtgggcc
1001  agatggtgaa cctaaacacc ctcacgctgg accacaacct catcgaccac atcgcggagg ggaccttcgt gcagcttcac aagctggtcc gtctggacat
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1701  aggtgccaac gattctgcgg ctgagcgtcg gctcgtggca gccgagctca cctcgaactc cgtgctcatc cgctggccag cccagaggcc tgtgcccgga
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1901  cggcgggccg tgcctacgac ttgtgcgtgc tggcggtcta cgacgacggg gccacagcgc tgccggcaac gcgagtggtg ggctgtgtac agttcaccac
2001  cgctggggat ccggcgccct gccgcccgct gagggcccat ttcttgggcg gcaccatgat catcgccatc gggggcgtca tcgtcgcctc ggtcctcgtc
2101  ttcatcgttc tgctcatgat ccgctataag gtgtatggcg acggggacag ccgccgcgtc aagggctcca ggtcgctccc gcgggtcagc cacgtgtgct
2201  cgcagaccaa cggcgcaggc acaggtgcgg cacaggcacc ggccctgccg gctcaggacc actacgaggc gctgcgcgag gtggagtccc aggctgcacc
2301  cgccgtcgcc gtcgaggcca aggccatgga ggccgagacg gcatccgcgg agccggaggt ggtccttgga cgttctctgg gcggctcggc cacctcgctg
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2501  cccctactct agctctagtt cctgggggag ccgcggctcg gccgaggccg cagcagcgct attcgttcga cggggactac ggggcactat tccagagcca
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2801  ggaattcctc gagcgctcgt ctctagcttg gcgtaatcat ggtcatagct gtttcctgtg tgaaattgtt atccgctcac aattccacac aacatacgag
2901  ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg cgttgcgctc actgcccgct ttccagtcgg gaaacctgtc
3001  gtgccagctg cattaatgaa tcggccaacg cgcggggaga ggcggtttgc gtattgggcg ctcttccgct tcctcgctca ctgactcgct gcgctcggtc
3101  gttcggctgc ggcgagcggt atcagctcac tcaaaggcgg taatacggtt atccacagaa tcaggggata acgcaggaaa gaacatgtga gcaaaaggcc
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3801  agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt ctgacgctca gtggaacgaa aactcacgtt aagggatttt
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> RDC1797 Translated Insert Sequence

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 201  iaegtfvqlh klvrldmtsn rlhklppdgl flrsqgtgpk pptpltvsfg gnplhcncel lwlrrltred dletcatpeh ltdryfwsip eeeflceppl
 301  itrqaggral vvegqavslr cravgdpepv vhwvapdgrl lgnssrtrvr gdgtldvtit tlrdsgtftc iasnaageat apvevcvvpl plmapppaap
 401  ppltepgssd iatpgrpgan dsaaerrlva aeltsnsvli rwpaqrpvpg irmyqvqyns svddslvyrm ipstsqtflv ndlaagrayd lcvlavyddg
 501  atalpatrvv gcvqfttagd papcrplrah flggtmiiai ggvivasvlv fivllmiryk vygdgdsrrv kgsrslprvs hvcsqtngag tgaaqapalp
 601  aqdhyealre vesqaapava veakameaet asaepevvlg rslggsatsl cllpseetsg eesraavgpr rsrsgalepp tsapptlalv pggaaarprp
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