Datasheet for ABIN4942462

Human SIGLEC11 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SIGLEC11
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human SIGLEC11 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2097 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGTCCCGG GACAGGCCCA GCCCCAGAGC CCAGAGATGC TGCTGCTGCC CCTGCTGCTG CCCGTGCTGG GGGCGGGGTC CCTGAACAAG GATCCCAGTT ACAGTCTTCA AGTGCAGAGG CAGGTGCCGG TGCCGGAGGG CCTGTGTGTC ATCGTGTCTT GCAACCTCTC CTACCCCCGG GATGGCTGGG ACGAGTCTAC TGCTGCTTAT GGCTACTGGT TCAAAGGACG GACCAGCCCA

	AAGACGGGTG CTCCTGTGGC CACTAACAAC CAGAGTCGAG AGGTGGAAAT GAGCACCCGG GACCGATTCC AGCTCACTGG GGATCCCGGC AAAGGGAGCT GCTCCTTGGT GATCAGAGAC GCGCAGAGGG AGGATGAGGC ATGGTACTTC TTTCGGGTGG AGAGAGGAAG CCGTGTGAGA CATAGTTTCC TGAGCAATGC GTTCTTTCTA AAAGTAACAG CCCTGACTAA GAAGCCTGAT GTCTACATCC CCGAGACCCT GGAGCCCGGG CAGCCGGTGA CGGTCATCTG TGTGTTTAAC TGGGCTTTCA AGAAATGTCC AGCCCCTTCT TTCTCCTGGA CGGGGGCTGC CCTCTCCCCT AGAAGAACCA GACCAAGCAC CTCCCACTTC TCAGTGCTCA GCTTCACGCC CAGCCCCCAG GACCACGACA CCGACCTCAC CTGCCATGTG GACTTCTCCA GAAAGGGTGT GAGCGCACAG AGGACCGTCC GACTCCGTGT GGCCTATGCC CCCAAAGACC TTATTATCAG CATTTCACAT GACAACACGT CAGCCCTGGA ACTCCAGGGA AACGTCATAT ATCTGGAAGT TCAGAAAGGC CAGTTCCTGC GGCTCCTCTG TGCTGCTGAC AGCCAGCCCC CTGCCACGCT GAGCTGGGTC CTGCAGGACA GAGTCCTCTC CTCGTCCCAC CCCTGGGGCC CCAGAACCCT GGGGCTGGAG CTGCGTGGGG TAAGGGCCGG GGATTCAGGG CGCTACACCT GCCGAGCGGA GAACAGGCTT GGCTCCCAGC AGCAAGCCCT GGACCTCTCT GTGCAGTATC CTCCAGAGAA CCTGAGAGTG ATGGTTTCCC AAGCAAACAG GACAGTCCTG GAAAACCTCG GGAACGGCAC ATCCCTCCCG GTCCTGGAGG GCCAAAGCCT GCGCCTGGTC TGTGTCACCC ACAGCAGCCC CCCAGCCAGG CTGAGCTGGA CCCGGTGGGG ACAGACCGTG GGCCCCTCCC AGCCCTCAGA CCCCGGGGTC CTGGAGCTGC CACCCATTCA AATGGAGCAC GAAGGAGAGT TCACCTGCCA CGCTCAGCAC CCTCTGGGCT CCCAGCACGT CTCTCTCAGC CTCTCCGTGC ACTACCCTCC ACAGCTGCTG GGCCCCTCCT GCTCCTGGGA GGCTGAGGGT CTGCACTGCA GCTGCTCCTC CCAGGCCAGC CCGGCCCCCT CTCTGCGCTG GTGGCTTGGG GAGGAGCTGC TGGAGGGGAA CAGCAGTCAG GGCTCCTTCG AGGTCACCCC CAGCTCAGCC GGGCCCTGGG CCAACAGCTC CCTGAGCCTC CATGGAGGGC TCAGCTCCGG CCTCAGGCTC CGCTGTAAGG CCTGGAACGT CCACGGGGCC CAGAGTGGCT CTGTCTTCCA GCTGCTACCA GGGAAGCTGG AGCATGGGGG AGGACTTGGC CTGGGGGCTG CCCTGGGAGC TGGCGTCGCT GCCCTGCTCG CTTTCTGTTC CTGCCTTGTC GTCTTCAGGG TGAAGATCTG CAGGAAGGAA GCTCGCAAGA GGGCAGCAGC TGAGCAGGAC GTGCCCTCCA CCCTGGGACC CATCTCCCAG GGTCACCAGC ATGAATGCTC GGCAGGCAGC TCCCAAGACC ACCCGCCCCC AGGTGCAGCC ACCTACACCC CGGGGAAGGG GGAAGAGCAG GAGCTCCACT ATGCCTCCCT CAGCTTCCAG GGCCTGAGGC TCTGGGAGCC TGCGGACCAG GAGGCCCCCA GCACCACCGA GTACTCGGAG ATCAAGATCC ACACAGGACA GCCCCTGAGG GGCCCAGGCT TTGGGCTTCA ATTGGAGAGG GAGATGTCAG GGATGGTTCC AAAGTGA
Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is

Product Details

	encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	• Forward primer: 5'-TAATACGACTCACTATAGGG-3' • Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	SIGLEC11
Alternative Name:	SIGLEC11 (SIGLEC11 Products)
Background:	This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin family. These cell surface lectins are characterized by structural motifs in the immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. This family member mediates anti-inflammatory and immunosuppressive signaling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011].
Gene ID:	114132
NCBI Accession:	NM_052884

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	• Keep the vial sealed and store at -20°C for long-term storage. • Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C. • Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA. • If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA. • Close the lid and vortex the vial for 1 minute. • Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.
Expiry Date:	12 months

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)