

Datasheet for ABIN4923731

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:	1809 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 CAGGTGCCCG TGCCGGAGGG CCTGTGTGTC ATCGTGTCTT GCAACCTCTC CTACCCCGG GATGGCTGGG ACGAGTCTAC TGCTGCTTAT GGCTACTGGT TCAAAGGACG GACCAGCCCA

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AAGACGGGTG CTCCTGTGGC CACTAACAAAC CAGAGTCGAG AGGTGGAAAT GAGCACCCGG
GACCGATTCC AGCTCACTGG GGATCCCGGC AAAGGGAGCT GCTCCTTGGT GATCAGAGAC
GCGCAGAGGG AGGATGAGGC ATGGTACTTC TTTCGGGTGG AGAGAGGAAG CCGTGTGAGA
CATAGTTTTCC TGAGCAATGC GTTCTTTCTA AAAGTAACAG CCCTGACTAA GAAGCCTGAT
GTCTACATCC CCGAGACCCT GGAGCCCGGG CAGCCGGTGA CGGTCATCTG TGTGTTTAAC
TGGGCTTTCA AGAAATGTCC AGCCCCTTCT TTCTCCTGGA CGGGGGCTGC CCTCTCCCCT
AGAAGAACCA GACCAAGCAC CTCCCCTTC TCAGTGCTCA GCTTCACGCC CAGCCCCCAG
GACCACGACA CCGACCTCAC CTGCCATGTG GACTTCTCCA GAAAGGGTGT GAGCGCACAG
AGGACCGTCC GACTCCGTGT GGCCTATGCC CCCAAAGACC TTATTATCAG CATTTCACAT
GACAACACGT CAGCCCTGGA ACTCCAGGGA AACGTCATAT ATCTGGAAGT TCAGAAAGGC
CAGTTCTGTC 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 ACTGGAAGCT GGAGCATGGG
GGAGGACTTG GCCTGGGGGC TGCCCTGGGA GCTGGCGTCG CTGCCCTGCT CGCTTTCTGT
TCCTGCCTTG TCGTCTTCAG GGTGAAGATC TGCAGGAAGG AAGCTCGCAA GAGGGCAGCA
GCTGAGCAGG ACGTGCCCTC CACCCTGGGA CCCATCTCCC AGGGTCACCA GCATGAATGC
TCGGCAGGCA GCTCCAAGA CCACCCGCC CCAGGTGCAG CCACCTACAC CCCGGGGAAG
GGGAAGAGC AGGAGCTCCA CTATGCCTCC CTCAGCTTCC AGGGCCTGAG GCTCTGGGAG
CCTGCGGACC AGGAGGCCCC CAGCACCACC GAGTACTCGG AGATCAAGAT CCACACAGGA
CAGCCCCTGA GGGGCCCAGG CTTTGGGCTT CAATTGGAGA GGGAGATGTC AGGGATGGTT
CCAAAGTGA

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 encoded by the open reading frame (ORF) sequence.

Sequencing Primer:

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Product Details

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_001135163

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• 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)
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