

Datasheet for ABIN4923722

Human SIGLEC7 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SIGLEC7
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 SIGLEC7 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1125 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCTGCTGC TGCTGCTGCT GCCCCTGCTC TGGGGGAGGG AGAGGGTGGGA AGGACAGAAG AGTAACCGGA AGGATTACTC GCTGACGATG CAGAGTTCCG TGACCGTGCA AGAGGGCATG TGTGTCCATG TGCCTGCTC CTTCTCCTAC CCAGTGGACA GCCAGACTGA CTCTGACCCA GTTTCATGGCT ACTGGTCCG GGCAGGGAAT GATATAAGCT GGAAGGCTCC AGTGGCCACA AACAACCCAG CTTGGGCAGT GCAGGAGGAA ACTCGGGACC GATTCCACCT CCTTGGGGAC

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Product Details

CCACAGACCA AAAATTGCAC CCTGAGCATC AGAGATGCCA GAATGAGTGA TGCGGGGAGA
TACTTCTTTC GTATGGAGAA AGGAAATATA AAATGGAATT ATAAATATGA CCAGCTCTCT
GTGAACGTGA CAGACCCTCC TCAGAACTTG ACTGTGACTG TCTTCCAAGG AGAAGGCACA
GCATCCACAG CTCTGGGGAA CAGCTCATCT CTTTCAGTCC TAGAGGGCCA GTCTCTGCGC
TTGGTCTGTG CTGTTGACAG CAATCCCCCT GCCAGGCTGA GCTGGACCTG GAGGAGTCTG
ACCCTGTACC CCTCACAGCC CTCAAACCCT CTGGTACTGG AGCTGCAAGT GCACCTGGGG
GATGAAGGGG AATTCACCTG TCGAGCTCAG AACTCTCTGG GTTCCCAGCA CGTTTCCCTG
AACCTCTCCC TGCAACAGGA GTACACAGGC AAAATGAGGC CTGTATCAGG AGTGTGCTG
GGGGCGGTG GGGGAGCTGG AGCCACAGCC CTGGTCTTCC TCTCCTTCTG TGTCATCTTC
ATTGTAGTGA GGTCCGTCAG GAAGAAATCG GCAAGGCCAG CAGCGGACGT GGGAGACATA
GGCATGAAGG ATGCAAACAC CATCAGGGGC TCAGCCTCTC AGGGTAACCT GACTGAGTCC
TGGGCAGATG ATAACCCCG ACACCATGGC CTGGCTGCC ACTCCTCAGG GGAGGAAAGA
GAGATCCAGT ATGCACCCCT CAGCTTTCAT AAGGGGGAGC CTCAGGACCT ATCAGGACAA
GAAGCCACCA ACAATGAGTA CTCAGAGATC AAGATCCCCA AGTAA

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'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: SIGLEC7

Alternative Name: SIGLEC7 ([SIGLEC7 Products](#))

Gene ID: 27036

NCBI Accession: [NM_016543](#)

Application Details

Restrictions: For Research Use only

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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)