

Datasheet for ABIN4931308

Human CLEC2A ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	CLEC2A
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 CLEC2A with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	483 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGATTAATC CAGAGCTGCG GGATGGCAGA GCTGATGGCT TCATACATCG GATAGTTCCC</p> <p>AAGTTGATAC AAAACTGGAA GATTGGCCTT ATGTGCTTCC TGAGTATTAT TATTACTACA</p> <p>GTTTGCATTA TTATGATAGC CACATGGTCC AAGCATGCTA AACCTGTGGC ATGTTTCAGGG</p> <p>GACTGGCTTG GAGTGAGAGA TAAGTGTTTC TATTTTTCTG ATGATACCAG AAATTGGACA</p> <p>GCCAGTAAAA TATTTTGTAG TTTGCAGAAA GCAGAACTTG CTCAGATTGA TACACAAGAA</p>

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Product Details

GACATGGAAT TTTTGAAGAG GTACGCAGGA ACTGATATGC ACTGGATTGG ACTAAGCAGG
AAACAAGGAG ATTCTTGGAA ATGGACAAAT GGCACCACAT TCAATGGTTG GCCATCAAAC
TCCAAATGGT CTTGCAACTG GAGCCTCCGA CAATGGCTTC TTCTGCTGGG ACCCCTTAGA
TAG

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: CLEC2A

Alternative Name: CLEC2A ([CLEC2A Products](#))

Background: CLEC2A belongs to the CLEC2 family of activation-induced, natural killer gene complex-encoded C-type lectin-like receptors (Spreu et al., 2007 [PubMed 18046548]).[supplied by OMIM, May 2008].

Gene ID: 387836

NCBI Accession: [NM_207375](#)

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.

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Handling

- 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)