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Datasheet for ABIN7546631

CLEC2D Protein (AA 1-191) (His tag)

Overview

Quantity:	1 mg
Target:	CLEC2D
Protein Characteristics:	AA 1-191
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC2D protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CLEC2D Protein expressed in mammalian cells.
Sequence:	MHDSNNVEKD ITPSELPANP GCLHSKEHSI KATLIWRLFF LIMFLTIIVC GMVAALSAIR ANCHQEPSVC LQAACPESWI GFQRKCFYFS DDTKNWTSSQ RFCDSQDADL AQVESFQELN FLLRYKGPSD HWIGLSREQG QPWKWINGTE WTRQFPILGA GECAYLNDKG ASSARHYTER KWICKSKSDIH V Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	CLEC2D
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Alternative Name:	CLEC2D (CLEC2D Products)
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Background:	C-type lectin domain family 2 member D (Lectin-like NK cell receptor) (Lectin-like transcript 1) (LLT-1) (Osteoclast inhibitory lectin),FUNCTION: Receptor for KLRB1 that protects target cells against natural killer cell-mediated lysis (PubMed:20843815, PubMed:16339513). Inhibits osteoclast formation (PubMed:14753741, PubMed:15123656). Inhibits bone resorption (PubMed:14753741). Modulates the release of interferon-gamma (PubMed:15104121). Binds high molecular weight sulfated glycosaminoglycans (PubMed:15123656). {ECO:0000269 PubMed:14753741, ECO:0000269 PubMed:15104121, ECO:0000269 PubMed:15123656, ECO:0000269 PubMed:16339513, ECO:0000269 PubMed:20843815}.
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Molecular Weight:	21.8 kDa
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UniProt:	Q9UHP7
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Pathways:	Regulation of Leukocyte Mediated Immunity
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
