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Datasheet for ABIN7558844

CLEC9A Protein (AA 1-238) (His tag)

Overview

Quantity:	1 mg
Target:	CLEC9A
Protein Characteristics:	AA 1-238
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC9A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Clec9a Protein expressed in mammalian cells.
Sequence:	MHAEEIYTSL QWDIPTSEAS QKCQSPSKCS GAWCVVTMIS CVVCMGLLAT SIFLGIKFFQ VSSLVLEQQE RLIQQDTALV NLTQWQRKYT LEYCQALLQR SLHSGSDCSP CPHNWIQNGK SCYYVFERWE MWNISKKSCL KEGASLFQID SKEEMEFISS IGKLGGNKY WGVFQDGIS GSWFWEDGSS PLSDLLPAER QRSAGQICGY LKDSTLISDK CDSWKYFICE KKAFGSCI 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.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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)
Grade:	custom-made

Target Details

Target:	CLEC9A
Alternative Name:	Clec9a (CLEC9A Products)
Background:	<p>C-type lectin domain family 9 member A (Dendritic cell natural killer lectin group receptor 1) (CD antigen CD370),FUNCTION: Functions as an endocytic receptor on a small subset of myeloid cells specialized for the uptake and processing of material from dead cells. Recognizes filamentous form of actin in association with particular actin-binding domains of cytoskeletal proteins, including spectrin, exposed when cell membranes are damaged, and mediate the cross-presentation of dead-cell associated antigens in a Syk-dependent manner.</p> <p>{ECO:0000269 PubMed:18408006, ECO:0000269 PubMed:18497879, ECO:0000269 PubMed:19219027, ECO:0000269 PubMed:22483802}.</p>
Molecular Weight:	27.0 kDa
UniProt:	Q8BRU4

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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