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Datasheet for ABIN7121255 **CLEC5A Protein (His tag)**

Overview

Quantity:	100 µg
Target:	CLEC5A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC5A protein is labelled with His tag.

Product Details

Purpose:	Human CLEC5A / MDL-1 Protein, His Tag (MALS & SPR verified)
Sequence:	Pro 28 - Lys 188
Characteristics:	Human CLEC5A, His Tag (CLA-H5243) is expressed from human 293 cells (HEK293). It contains AA Pro 28 - Lys 188 (Accession # Q9NY25-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	CLEC5A
Alternative Name:	CLEC5A / MDL-1 (CLEC5A Products)
Background:	Synonyms: CLEC5A, CLECSF5, superfamily member 5, C-type lectin domain family 5, member

Target Details

A,MDL1,MDL-1,DAP12-associating lectin 1,

Description: CLEC5A, also known as MDL1 and MDL-1, is a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. CLEC5A is expressed on monocytes, macrophages, and neutrophils. Its expression is up-regulated on monocytes in rheumatoid arthritis. CLEC5A with dnax-activation protein 12 and may play a role in cell activation. It also functions as a positive regulator of osteoclastogenesis. CLEC5A acts as a key regulator of synovial injury and bone erosion during autoimmune joint inflammation. The binding of dengue virus to CLEC5A triggers signaling through the phosphorylation of TYROBP, this interaction does not result in viral entry, but stimulates proinflammatory cytokine release.

Molecular Weight:	20.3 kDa
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Application Details

Application Notes:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 20.3 kDa. The protein migrates as 60-66 kDa under reducing (R) condition due to glycosylation.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	PBS, pH 7.4
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Storage:	-20 °C
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Storage Comment:	-20°C
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