

Datasheet for ABIN7321165
CLEC5A Protein (His tag)[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	Recombinant Rat CLEC5A/MDL1/MDL-1 Protein (His Tag)
Sequence:	Val30-Lys190
Characteristics:	A DNA sequence encoding the rat CLEC5A (F7GAV1) (Val30-Lys190) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	CLEC5A
Alternative Name:	CLEC5A/MDL1/MDL-1 (CLEC5A Products)
Background:	Background: CLEC5A, also known as MDL1 and MDL-1, is a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover,

Target Details

and roles in inflammation and immune response. 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.

Synonym: CLEC5A

Molecular Weight: 20.6 kDa

UniProt: [F7GAV1](#)

Application Details

Restrictions: For Research Use only

Handling

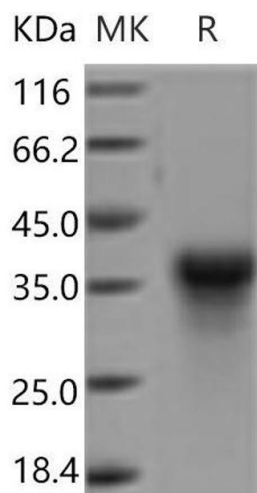
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.