

Datasheet for ABIN7317554 **CLEC4D Protein (His tag)**



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Overview

Quantity:	100 µg
Target:	CLEC4D
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC4D protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CLEC4D/CLECSF8 Protein (His Tag)
Sequence:	Gly 52-Asn 215
Characteristics:	A DNA sequence encoding the human CLEC4D (NP_525126.2) extracellular domain (Gly 52-Asn 215) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 92 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CLEC4D
Alternative Name:	CLEC4D/CLECSF8 (CLEC4D Products)
Background:	Background: C-type lectin (CLEC) family is a type of carbohydrate-binding protein domain named lectin. C-type lectins are the most diverse and prevalent lectin family in immunity with its requirement for calcium for binding. Proteins including a C-type lectin domain have diverse

Target Details

range of functions including cell-cell adhesion, immune response to pathogens and apoptosis.

There are at least 14 types of C-type lectins: type I to type XIV. CLEC4D (CLECSF8) is a type I membrane glycoprotein belonging to the C-type lectin family, with restricted expression in the monocyte/macrophage lineage. It plays important roles in the function of macrophages.

Synonym: CLEC-6, CLEC6, CLECSF8, MCL, MPCL

Molecular Weight: 21.2 kDa

NCBI Accession: [NP_525126](#)

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.