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# Datasheet for ABIN7321088 DCL1 Protein (Fc Tag)

Image



#### Overview

Quantity:	100 µg
Target:	DCL1 (CD302)
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCL1 protein is labelled with Fc Tag.

### Product Details

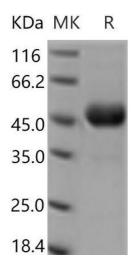
Purpose:	Recombinant Rat CD302/CLEC13A Protein (Fc Tag)
Sequence:	Met1-His165
Characteristics:	A DNA sequence encoding the rat CD302 (Met1-His165) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method

## Target Details

Target:	DCL1 (CD302)
Alternative Name:	CD302/CLEC13A (CD302 Products)
Background:	Background: CD302/CLEC13A (C-type lectin domain family 13 member A), also known as C- type lectin receptor DCL-1, is a type I transmembrane C-type lectin DCL-1/CD302. DCL-1 protein
	was highly conserved among the human, mouse, and rat orthologs. DCL-1 ectodomain

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	contains only one CRD, whereas other type I transmembrane C-type lectins contain more than
	one domain (e.g. selectins and MMR). DCL-1 CP contains several putative motifs, including a
	Tyr-based internalization, a cluster of acidic amino acids, and Ser and Tyr phosphorylation
	motifs, suggesting that DCL-1 CP mediates not only endocytosis and late endosome targeting
	but also signaling. DCL-1 may be another cell/matrix adhesion receptor integrated in cell
	adhesion complexes and that DCL-1 dysfunction may affect APC adhesion and migration,
	causing suppression of APC function.
	Synonym: CD302
Molecular Weight:	43.7 kDa
NCBI Accession:	NP_001013938
Pathways:	Regulation of Actin Filament Polymerization
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.

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