

CLEC1B (CLEC2) recombinant protein

CatalogNo: YD3014

Key Features

Reactivity

- Human

Recommended Dilution Ratios

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

Source Mammalian cells

Purification Mammalian cells

Purity >90% as determined by SDS-PAGE

Immunogen Information

Sequence Amino acid:55-229,with human FC tag.

Target Information

Gene name CLEC1B

Protein Name	C-type lectin domain family 1 member B (C-type lectin-like receptor 2) (CLEC-2)		
	Organism	Gene ID	UniProt ID
	Human	51266 ;	Q9P126 ;
Cellular Localization	Membrane ; Single-pass type II membrane protein .		
Tissue specificity	Expressed preferentially in the liver. Also expressed in immune cells of myeloid origin and on the surface of platelets.		
Function	C-type lectin-like receptor that functions as a platelet receptor for the lymphatic endothelial marker, PDPN (PubMed:18215137). After ligand activation, signals via sequential activation of SRC and SYK tyrosine kinases leading to activation of PLCG2 (PubMed:18955485).; (Microbial infection) Acts as a receptor for the platelet-aggregating snake venom protein rhodocytin. Rhodocytin binding leads to tyrosine phosphorylation and this promotes the binding of spleen tyrosine kinase (SYK) and initiation of downstream tyrosine phosphorylation events and activation of PLCG2 (PubMed:16174766, PubMed:18955485).; (Microbial infection) Acts as an attachment factor for Human immunodeficiency virus type 1 (HIV-1) and facilitates its capture by platelets (PubMed:16940507).		

| Validation Data

| Contact information

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CLEC1B (CLEC2)
recombinant protein

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