CLEC1B (CLEC2) recombinant protein

CatalogNo: YD3014

Key Features

Reactivity
- Human

Storage

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

Recommended Dilution Ratios

Basic Information

Source	Mammalian cells
Purification	Mammalian cells
Purity	>90% as determined by SDS-PAGE

Immunogen Information

Squence	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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Please scan the QR code to access additional product information: **CLEC1B (CLEC2) recombinant protein**

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents