Best Tools for immunology Research

CLEC1B (CLEC2)-FC recombinant protein

Catalog No :	YD3014
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	CLEC1B
Protein Name :	C-type lectin domain family 1 member B (C-type lectin-like receptor 2) (CLEC-2)
Sequence :	Amino acid:55-229,with FC tag.
Human Gene Id :	51266
Human Swiss Prot No :	Q9P126
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
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).
Subcellular Location :	Membrane ; Single-pass type II membrane protein .
Expression :	Expressed preferentially in the liver. Also expressed in immune cells of myeloid origin and on the surface of platelets.

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