

Recombinant human C-type lectin domain family 4 member C

Catalog No: #AP71483

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant human C-type lectin domain family 4 member C
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:45-213aaSequence Info:Extracellular Domain
Other Names	Blood dendritic cell antigen 2 ;BDCA-2;C-type lectin superfamily member 7Dendritic lectin; CD303
Accession No.	Q8WTT0
Uniprot	Q8WTT0
GenID	170482;
Calculated MW	36 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	NFMYSKTVKRLSKLREYQQYHPSLTCVMEGKDIEDWSCCPTPWTSFQSSCYFISTGMQSWTKSQKNCSVMG ADLVVINTREEQDFIIQNLKRNSSYFLGLSDPGRRRHQWVDQTPYNENVTFWHSGEPNLDERCAIINFRSS EEWGWNDIHCHVPQKSICKMKKIYI
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in antigen-capturing. Target ligand into antigen processing and peptide-loading compartments for presentation to T-cells. May mediate potent inhibition of induction of IFN-alpha,beta expression in plasmacytoid dendritic cells. May act as a signaling receptor that activates protein-tyrosine kinases and mobilizes intracellular calcium. Does not se to bind mannose.

References

Molecular and genomic characterization of human DLEC, a novel member of the C-type lectin receptor gene family preferentially expressed on monocyte-derived dendritic cells.Arce I., Roda-Navarro P., Montoya M.C., Hernanz-Falcon P., Puig-Kroger A., Fernandez-Ruiz E.3.0.CO;2-X>Eur. J. Immunol. 31:2733-2740(2001)Research Topic:Immunology

Note: This product is for in vitro research use only