

C-type lectin domain family 4 member C Active Protein | CLEC4C active protein

Recombinant Human C-type lectin domain family 4 member C

CATALOG #
AAA18755

HOST
E Coli

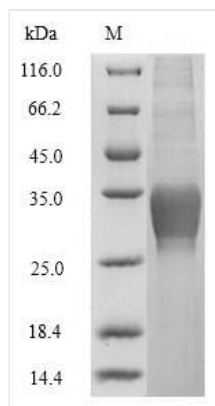
PRODUCT SYNONYMS

C-type lectin domain family 4 member C; Recombinant Human C-type lectin domain family 4 member C; Blood dendritic cell antigen 2; BDCA-2; C-type lectin superfamily member 7; Dendritic lectin; CD303; CLEC4C active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	45-213aa; Extracellular Domain
Sequence	NFMYSKTVKR LSKLREYQQY HPSLTCVMEG KDIEDWSCCP TPWTSFQSSC YFISTGMQSW TKSQKNC SVM GADLVVINTR EEQDFIIQNL KRNSSYFLGL SDPGGRRHWQ WVDQTPYNEN VTFWHSGE PN NLDERCAIIN FRSSEEWGWN DIHCHVPQKS ICKMKKIYI
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CLEC4C active protein	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.
Product Categories/Family for CLEC4C active protein	Immunology

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) BDCA-2, a novel plasmacytoid dendritic cell-specific type II C-type lectin, mediates antigen capture and is a potent inhibitor of interferon alpha/beta induction.Dzionic A., Sohma Y., Nagafune J., Cella M., Colonna M., Facchetti F., Gunther G., Johnston I., Lanzavecchia A., Nagasaka T., Okada T., Vermi W., Winkels G., Yamamoto T., Zysk M., Yamaguchi Y., Schmitz J.J. Exp. Med. 194:1823-1834(2001) The secreted protein discovery initiative (SPDI) , a large-scale effort to identify novel human secreted and transmembrane proteins a bioinformatics assessment.Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J., Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P., Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E., Heldens S., Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J., Lewis L., Liao D., Mark M.R., Robbie E., Sanchez C., Schoenfeld J., Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A., Vandlen R.L., Watanabe C., Wieand D., Woods K., Xie M.-H., Yansura D.G., Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A.D., Wood W.I., Godowski P.J., Gray A.M.Genome Res. 13:2265-2270(2003)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18466806
NCBI GeneID	170482
NCBI Accession #	NP_569708.1
NCBI GenBank Nucleotide #	NM_130441.2
UniProt Accession #	Q8WTT0; Q3T1C3; Q6UXS8; Q8WXX8; D3DUU3
Molecular Weight	22 kDa
NCBI Official Full Name	C-type lectin domain family 4 member C isoform 1
NCBI Official Synonym Full Names	C-type lectin domain family 4 member C
NCBI Official Symbol	CLEC4C
NCBI Official Synonym Symbols	DLEC; HECL; BDCA2; CD303; CLECSF7; CLECSF11; PRO34150
NCBI Protein Information	C-type lectin domain family 4 member C
UniProt Protein Name	C-type lectin domain family 4 member C
UniProt Gene Name	CLEC4C
UniProt Synonym Gene Names	BDCA2; CLECSF11; CLECSF7; DLEC; HECL; BDCA-2
UniProt Entry Name	CLC4C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.