

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

Recombinant Human C-type lectin domain family 4 member C (CLEC4C), partial (Active)

CATALOG #
AAA279252

HOST
Mammalian Cell

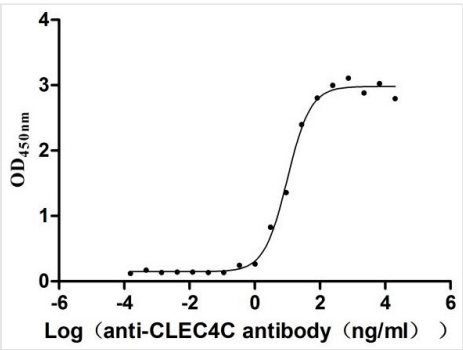
PRODUCT SYNONYMS

C-type lectin domain family 4 member C (CLEC4C); Recombinant Human C-type lectin domain family 4 member C (CLEC4C); partial (Active); Blood dendritic cell antigen 2; BDCA-2; C-type lectin superfamily member 7; Dendritic lectin; CD303; CLEC4C; BDCA2; CLECSF11; CLECSF7; DLEC; HECL; CLEC4C active protein

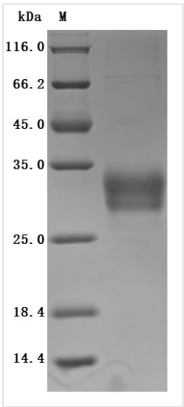
PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Sequence Positions	45-213aa; Partial
Sequence	NFMYSKTVKR LSKLREYQQY HPSLTCVMEG KDIEDWSCCP TPWTSFQSSC YFISTGMQSW TKSQKNCSVM GADLVVINTR EEQDFIIQNL KRNSSYFLGL SDPGGRRHWQ WVDQTPYNEN VTFWHSGEPN NLDERCAIIN FRSSEEWGWN DIHCHVPQKS ICKMKKIYIS
Species	Homo sapiens (Human)
Tag	N-terminal 6xHis-Myc-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Research Area	Immunology
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human CLEC4C at 2 ug/mL can bind Anti-CLEC4C recombinant antibody, the EC50 is 7.658-12.99 ng/mL.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

IMAGES



Bioactivity
Measured by its binding ability in a functional ELISA. Immobilized Human CLEC4C at 2?g/mL can bind Anti-CLEC4C recombinant antibody, the EC50 is 7.658-12.99 ng/mL.



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for CLEC4C active protein	May play a role in antigen capturing by dendritic cells.
Product Categories/Family for CLEC4C active protein	Active Protein & In Stock Protein
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. Eur. J. Immunol. 31:2733-2740 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	45580692
NCBI GeneID	170482
NCBI Accession #	NP_987099.1
NCBI GenBank Nucleotide #	NM_203503.1
UniProt Accession #	Q8WTT0; Q3T1C3; Q6UXS8; Q8WXX8; D3DUU3
Molecular Weight	25,038 Da
NCBI Official Full Name	C-type lectin domain family 4 member C isoform 2
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; BDCA-2; dendritic lectin; dendritic cell lectin b; C-type lectin superfamily member 7; blood dendritic cell antigen 2 protein; C-type lectin domain family 4, member C, isoform 1; C-type (calcium dependent, carbohydr
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.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/c-type-lectin-domain-family-4-member-c-clec4c/279252>