

CD162 recombinant protein

Recombinant Human CD162 protein with C-terminal 6xHis tag

CATALOG # AAA47265	HOST HEK293 cells	APPLICATIONS Western Blot
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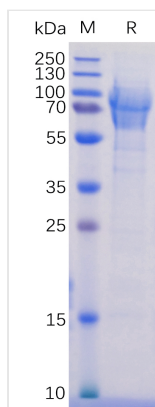
PRODUCT SYNONYMS

CD162; Recombinant Human CD162 protein with C-terminal 6xHis tag; Human CD162 Protein; His Tag; PSGL1;CD162;SELPLG;Selectin P ligand; CD162 recombinant protein

PRODUCT SPECIFICATIONS

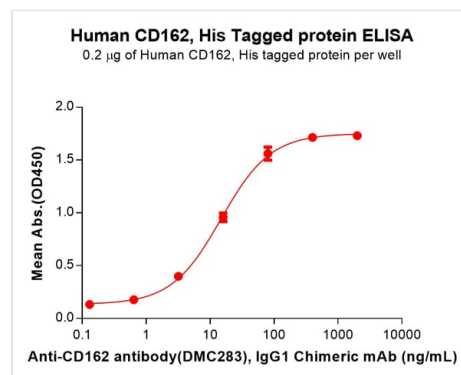
Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-91% trehalose is added as protectants before lyophilization.
Sequence	CD162(Leu1 8-Cys320)
Applicable Applications for CD162 recombinant protein	WB (Western Blot)
Source	Human
Conjugation	C- 6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



SDS-PAGE

Figure 1. Human CD162 Protein, His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human CD162 Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for CD162 recombinant protein	This gene encodes a glycoprotein that functions as a high affinity counter-receptor for the cell adhesion molecules P-, E-and L-selectin expressed on myeloid cells and stimulated T lymphocytes. As such, this protein plays a critical role in leukocyte trafficking during inflammation by tethering of leukocytes to activated platelets or endothelia expressing selectins. This protein requires two post-translational modifications, tyrosine sulfation and the addition of the sialyl Lewis x tetrasaccharide (sLex) to its O-linked glycans, for its high-affinity binding activity. Aberrant expression of this gene and polymorphisms in this gene are associated with defects in the innate and adaptive immune response. Alternate splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	331284238
NCBI GeneID	6404
NCBI Accession #	NP_001193538.1
NCBI GenBank Nucleotide #	NM_001206609.1
UniProt Accession #	Q14242; Q12775; Q6GTW7; Q8N7J7; A8K2Y0; B4DQC3; B7Z5C7; J3KMX6
Molecular Weight	43,201 Da
NCBI Official Full Name	P-selectin glycoprotein ligand 1 isoform 1
NCBI Official Synonym Full Names	selectin P ligand
NCBI Official Symbol	SELPLG
NCBI Official Synonym Symbols	CLA; CD162; PSGL1; PSGL-1
NCBI Protein Information	P-selectin glycoprotein ligand 1; cutaneous lymphocyte-associated associated antigen
UniProt Protein Name	P-selectin glycoprotein ligand 1
UniProt Gene Name	SELPLG
UniProt Synonym Gene Names	PSGL-1
UniProt Entry Name	SELPL_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/selplg-recombinant-protein-hek293-cells-wb-western-blot/47265>