CD48 recombinant protein

Recombinant human CD48 protein with C-terminal mouse Fc and 6xHis

CATALOG #	HOST	APPLICATIONS
AAA47198	**HEK293 cells**	**ELISA, Western Blot**

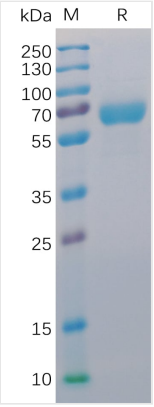
PRODUCT SYNONYMS

CD48; Recombinant human CD48 protein with C-terminal mouse Fc and 6xHis; Human CD48 Protein; mFc-His Tag; BCM1; SLAMF2; BLAST; BLAST1; MEM-102; TCT.1; BCM-1; SLAMF-2; BLAST-1; CD48 recombinant protein

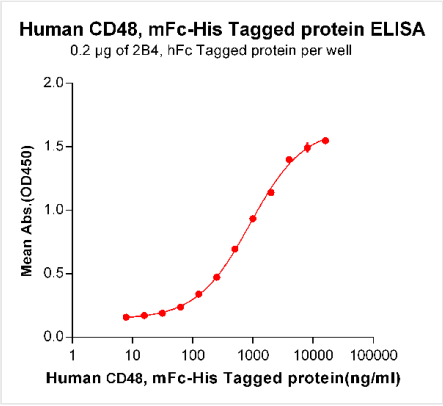
PRODUCT SPECIFICATIONS

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%-23% trehalose is added as protectants before lyophilization.
Sequence	CD48(Gln27 -Ser220)+m Fc(Pro99-L ys330)
Applicable Applications for CD48 recombinant protein	ELISA, WB (Western Blot)
Source	Human
Conjugation	C-Mouse Fc and 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 CD48 Protein, mFc-His Tag on SDS-PAGE under reducing condition.



ELISA
Figure 1. Human CD48 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for CD48 recombinant protein	This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114871
NCBI GeneID	962
UniProt Accession #	P09326; Q5U055; Q8MGR0
Molecular Weight	19,429 Da
NCBI Official Full Name	CD48 antigen
NCBI Official Synonym Full Names	CD48 molecule
NCBI Official Symbol	CD48
NCBI Official Synonym Symbols	BCM1; BLAST; hCD48; mCD48; BLAST1; SLAMF2; MEM-102
NCBI Protein Information	CD48 antigen
UniProt Protein Name	CD48 antigen
UniProt Gene Name	**CD48**
UniProt Synonym Gene Names	BCM1; BLAST1; SLAMF2

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://www.aaabiotech.com/cd48-recombinant-protein-hek293-elisa-wb-western-blot/47198