

Recombinant Human CD48 Protein, C-His-tagged

Cat. No. CD48-200H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD48 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	CD48 is a glycosylphosphatidylinositol (GPI) -anchored membrane protein of the signaling lymphocyte activation molecule (SLAM) family, also known as SLAMF2 and BLAST-1. It is constitutively expressed on most hematopoietic cells (not on neutrophils and a subset of long-term hematopoietic stem cells in mice) and can be upregulated under certain conditions like infection. Interaction with its low affinity ligand CD2 promotes adhesion and TCR signaling. Interaction with the high affinity ligand CD244 (2B4) regulates natural killer (NK) and CD8 T cell activation and cytolytic function.
Molecular Mass	~21 kDa
AA Sequence	QGHVHMTVVSGSNVTNLNISESLPENYKQLTWFYTFDQKIVEWDSRKSKEYFESKFK GRVRLDPQSGALYISKVQKEDNSTYIMRVLKKKTGNEQEWKIKLQVLDPVPKPVKIEKI EDMDDNCYLKLSVIPGESVNYTWYGDKRPFKELQNSVLETTLMPHNYSRCYTCQ VSNSVSSKNGTVCLSPPTLARS
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

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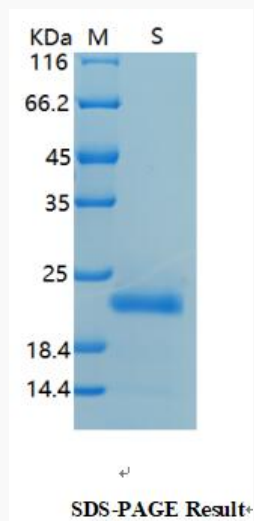
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4
GENE INFORMATION	
Gene Name	CD48 CD48 molecule [Homo sapiens (human)]
Official Symbol	CD48
Synonyms	CD48; CD48 molecule; BCM1, CD48 antigen (B cell membrane protein) , CD48 molecule; CD48 antigen; BLAST; hCD48; mCD48; SLAMF2; TCT.1; BCM1 surface antigen; leukocyte antigen MEM-102; B-lymphocyte activation marker BLAST-1; CD48 antigen (B-cell membrane protein); BCM1; BLAST1; MEM-102;
Gene ID	962
mRNA Refseq	NM_001256030
Protein Refseq	NP_001242959
MIM	109530
UniProt ID	P09326

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SDS-PAGE



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