

Recombinant Human CD48 Protein, Fc/His-tagged

Cat. No. CD48-838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD48 fused with Fc/His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Ligand for CD2. Might facilitate interaction between activated lymphocytes. Probably involved in regulating T-cell activation
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	53.1kD
AA Sequence	QGHLVHMTVVSGSNVTLNISESLPENYKQLTWFYTFDQKIVEWDSRKSKEYFESKFK GRVRLDPQSGALYISKVQKEDNSTYIMRVLKKTGNEQEWKIKLQVLDPVPKPKVIEKI EDMDDNCYLKLSCVIPGESVNYTWYGDKRPFKELQNSVLETTLMPHNYSRCYTCQ VSNVSSKNGTVCLSPCTLARSVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPS VFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLP PSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYS KLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	CD48 CD48 molecule [Homo sapiens]
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