

Recombinant Human CD48 Protein, GST-tagged

Cat. No. CD48-10960H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD48 Protein()(27-220 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-220 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	QGHVHMTVVSGSNVTNLNISESLPENYKQLTWFYTFDQKIVEWDSRKSKEYFESKFK GRVRLDPQSGALYISKVQKEDNSTYIMRVLKKKTGNEQEWKIKLQVLDPVKPKVIEIKI EDMDDNCYLKLSVCVIPGESVNYTWYGDKRPFKELQNSVLETTLMPHNYSRCYTCQ VSNSVSSKNGTVCLSPPTLARS
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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_001256030.1
Protein Refseq	NP_001242959.1
MIM	109530
UniProt ID	P09326

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