

Recombinant Human CD48 protein, hFc-tagged

Cat. No. CD48-234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD48 protein(P09326-1)(Gln27-Ser220), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln27-Ser220
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human 2B4, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human CD48, hFc Tag with the EC50 of 0.34µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 48.9 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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](#)

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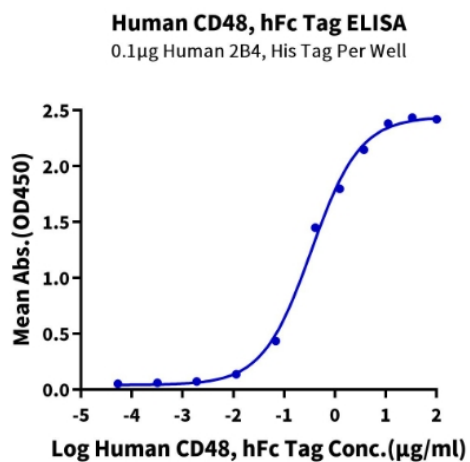
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Tris-Bis PAGE



ELISA Data



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