

Active Recombinant Human CD48 protein, hFc&His-tagged

Cat. No. CD48-2042H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD48 protein(Gln27-Ser220), fused with C-terminal hFc and His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-220 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant human CD244 at 5 µg/mL (100 µL/well) can bind Recombinant human CD48 with a linear range of 0.15-0.65 µg/mL.
Molecular Mass	49.13 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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](#)

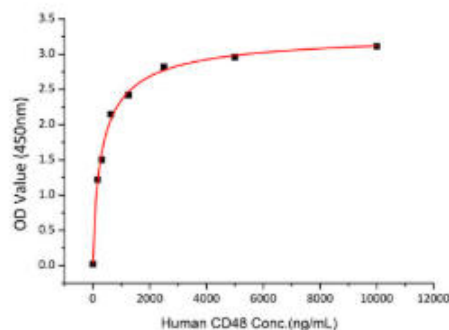
UniProt ID [P09326](#)

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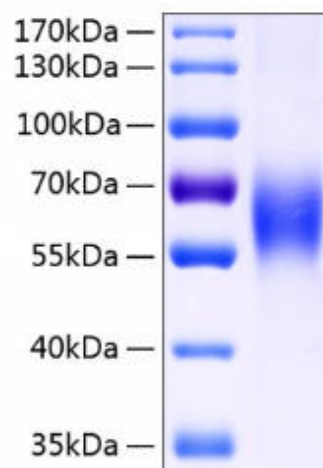
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Activity



SDS-PAGE



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