

Active Recombinant Human CD48 protein, hFc&His-tagged

Cat. No. CD48-2638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLAMF2/CD48 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln27-Ser220) of human CD48/SLAMF2/BCM1 (Accession #NP_001769.2) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gln27-Ser220
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	63-73 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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

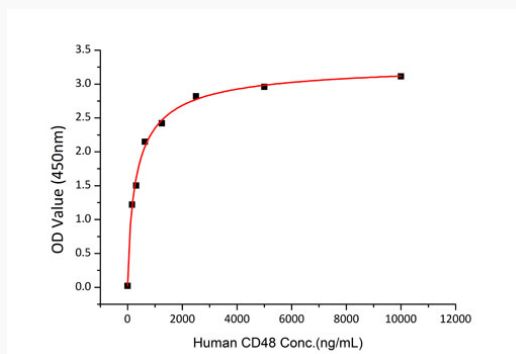
UniProt ID P09326

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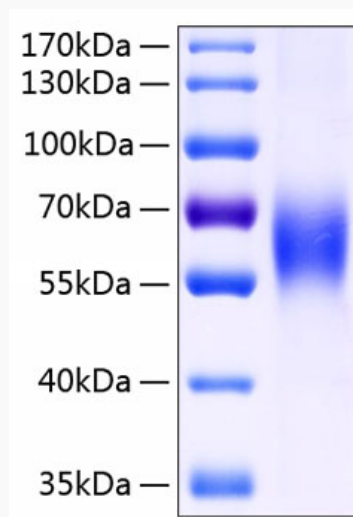
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Bio-activity



SDS-PAGE



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