

## Active Recombinant Human CD48 protein, hFc&His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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, 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln27-Ser220
<b>Form</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	63-73 kDa
<b>Endotoxin</b>	< 0.1 EU/µg of the protein by LAL method.
<b>Purity</b>	> 97% by SDS-PAGE.
<b>Storage</b>	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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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