

# Active Recombinant Human CD48, Fc-tagged, Biotinylated

**Cat. No.** CD48-680H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	The recombinant human SLAMF2-Fc fusion protein is expressed as a 421-amino acid protein consisting of Gln27 - Arg219 region of SLAMF2 (UniProt accession #P09326) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	27-219 a.a.
<b>Form</b>	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
<b>Bio-activity</b>	Immobilized SLAMF2 interacts heterophilically with CD2 and SLAMF4/CD244/2B4.
<b>Molecular Mass</b>	Calculated molecular mass (kDa): 47.8; Estimated by SDS-PAGE under reducing condition (kDa): 60-70
<b>AA Sequence</b>	<p>QGHLVHMTVVSGSNVTLNISESLPENYKQLTWFYTFDQKIVEWDSRKSKEYFESKFK            GRVRLDPQSGALYISKVQK EDNSTYIMRVLKKTGNEQEWKIKLQVLDPVKPKVIKIEK            IEDMDDNCYLKLSVCVPGESVNYTWYGDKRFPKPE LQNSVLETTLMPHNYSRCYTC            QVSNVSSKNGTVCLSPPTLARSTGHTCPCPAPELLGGPSVFLFPPKPKD TLMV            SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVL            HQDWLNGKEYKCKV SNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSL</p>

 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

TCLVKGFYPSDIAVEWESNGQPENNYKTTPPV LDSDGSFFLYSKLTVDKSRWQQG  
NVFSCSVMHEALHNHYTQKSLSLSPGK

**Endotoxin**

<0.1 eu="" per="" 1="" μg="" of="" purified="" recombinant="" protein=""  
determined="" by="" the="" lal="">

**Purity**

>95% judged by SDS-PAGE under reducing condition

**Storage**

The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

**Conjugation**

Biotin

## 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](#)

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<b>Protein Refseq</b>	NP_001242959
<b>MIM</b>	109530
<b>UniProt ID</b>	P09326
<b>Chromosome Location</b>	1q21.3-q22
<b>Pathway</b>	Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;
<b>Function</b>	antigen binding; eukaryotic cell surface binding; protein binding; receptor activity;

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