

# Recombinant Human CD48 protein, hFc-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD48 protein(P09326-1)(Gln27-Ser220), fused with C-terminal hFc tag, was expressed in HEK293.                                                 |
| <b>Species</b>          | Human                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                          |
| <b>ProteinLength</b>    | Gln27-Ser220                                                                                                                                                    |
| <b>Tag</b>              | C-hFc                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                  |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | 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.                              |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                         |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC                                                                                               |
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual                                                                               |

 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

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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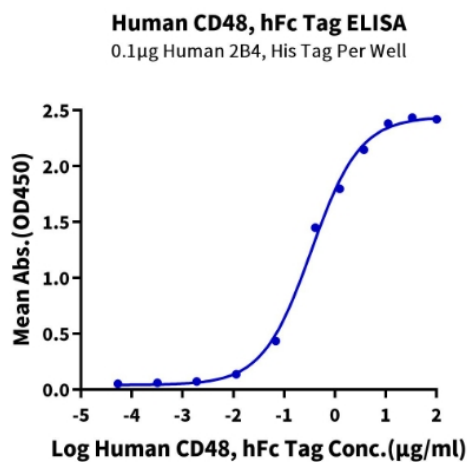
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## Tris-Bis PAGE



## ELISA Data



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