

## Recombinant Human CD48 Protein (Gln27-Ser220), C-hFc-tagged

**Cat. No.** CD48-509H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD48 Protein (Gln27-Ser220) with C-hFc tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Gln27-Ser220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | <p>This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.</p> |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 48.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | > 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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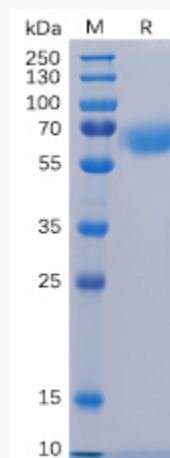
|                         |                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)                                                                                                                                                                                                                  |
| <b>Storage Buffer</b>   | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 84 % trehalose is added as protectants before lyophilization.                                                                                                                                                                           |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>        | CD48 CD48 molecule [ Homo sapiens (human) ]                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b>  | CD48                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>         | 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; |
| <b>Gene ID</b>          | 962                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_001256030                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>   | NP_001242959                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>              | 109530                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>       | P09326                                                                                                                                                                                                                                                                                       |

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**SDS-PAGE**



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