

# Recombinant Full Length Human CD48 Protein

**Cat. No.** CD48-63HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human CD48 with N terminal proprietary tag, 44.33kDa.                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 169 amino acids                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | BLAST1 is the designation used for an activation-associated cell surface glycoprotein of 40 to 45 kD expressed primarily in mitogen-stimulated human lymphocytes. The protein sequence predicted by the cDNA encoding BLAST1 indicates that BLAST1 is a member of the immunoglobulin supergene family. Yokoyama (1991) identified the BLAST1 activation/adhesion molecule as CD48. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 44.330kDa inclusive of tags                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MCSRGWDSCLALELLLLPLSLLVTSIQGHLVHMTVVSGSN VTLNISESLPENYKQLT<br>WFYTFDQKIVEWDSRKSKEYFESK FKGRVRLDPQSGALYISKVQKEDNSTYIMRVLK<br>KTGNEQE WKIKLQVLGESGEPKSKSPLQWPQMDHCRASWEAWGTGE EERKTS<br>GQV                                                                                                                                                                                          |
| <b>Purity</b>           | Proprietary Purification                                                                                                                                                                                                                                                                                                                                                           |

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| <b>Storage</b> | Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles. |
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| <b>Storage Buffer</b> | pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione. |
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## GENE INFORMATION

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| <b>Gene Name</b> | CD48 CD48 molecule [ Homo sapiens ] |
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| <b>Official Symbol</b> | CD48 |
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| <b>Synonyms</b> | CD48; CD48 molecule; BCM1, CD48 antigen (B cell membrane protein) , CD48 molecule; CD48 antigen; BLAST; hCD48; mCD48; SLAMF2 |
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| <b>Gene ID</b> | 962 |
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| <b>mRNA Refseq</b> | NM_001778 |
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| <b>Protein Refseq</b> | NP_001769 |
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| <b>MIM</b> | 109530 |
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| <b>UniProt ID</b> | P09326 |
|-------------------|--------|

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