

Recombinant Human CD48 Protein, GST-Tagged

Cat. No. CD48-0828H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Human CD48 full-length ORF (AAH30224, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | <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. [provided by RefSeq, Dec 2011]</p> |
| Molecular Mass | 44.33 kDa |
| AA Sequence | <p>MCSRGWDSCLALELLLLPLSLLVTSIQGHLVHMTVVSGSNVTLNISESLPENYKQLT WFYTFDQKIVEWDSRKSIFYESKFKGRVRLDPQSGALYISKVQKEDNSTYIMRVLKK TGNEQEWKIKLQVLGESGEPKSKSPLQWPQMDHCRASWEAWGTLGEEERKTSGQ V</p> |
| Applications | Enzyme-linked Immunoabsorbent Assay |

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

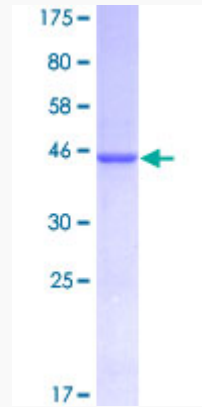
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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