

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	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]
Molecular Mass	44.33 kDa
AA Sequence	MCSRGWDSCLALELLLLPLSLLVTSIQGHLVHMTVVSGSNVTLNISESLPENYKQLT WFYTFDQKIVEWDSRKSKEYFESKFKGRVRLDPQSGALYISKVQKEDNSTYIMRVLKK TGNEQEWKIKLQVLGESGEPKSKSPLQWPQMDHCRASWEAWGTLGEEERKTSGQ V
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

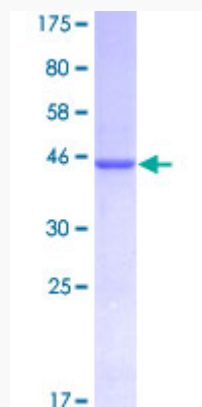
UniProt ID P09326

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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