

Recombinant Full Length Human CD48 Protein, GST-tagged

Cat. No. CD48-2998HF 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	In Vitro Cell Free System
ProteinLength	169 amino acids
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>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Applications	Enzyme-linked Immunoabsorbent Assay 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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