

Recombinant Human CD48

Cat. No. CD48-26635TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CD48 with N terminal proprietary tag, 44.33kDa.
Species	Human
Source	Wheat Germ
ProteinLength	169 amino acids
Description	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.
Molecular Weight	44.330kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MCSRGWDSCLALELLLLPLSLLVTSIQGHLVHMTVVSGSN VTLNISESLPENYKQLT WFYTFDQKIVEWDSRKSKEYFESK FKGRVRLDPQSGALYISKVQKEDNSTYIMRVLK KTGNEQE WKIKLQVLGESGEPKSKSPLQWPQMDHCRASWEAWGTLGE EERKTS GQV
Sequence Similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.Contains 1 Ig-like V-type (immunoglobulin-like) domain.
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;
Gene ID	962
mRNA Refseq	NM_001778
Protein Refseq	NP_001769
MIM	109530
Uniprot ID	P09326
Chromosome Location	1q21.3-q22
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem;

Hemostasis, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

Function

antigen binding; eukaryotic cell surface binding; protein binding; receptor activity;

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