

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: 8.00 Constituents: 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
WFYTFDQKIVEWDSRKSIFYESK 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;

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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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