

Full-Length

CD48 (Human) Recombinant Protein (P02)

Catalog # H00000962-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD48 full-length ORF (AAH16182, 30 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LVHMTVVSGSNVTNLNISESLPENYKQLTWFYTFDQKMEWDSRKSKEYFESKFGRVRLDPQSGAL YISKVQKEDNSTYIMRVLKKTGNEQEWKIKLQVLDVPKPKVIEKIEDMDDNCYLKLSVIPGESVN YTWYGDKRPFPELQNSVLETTLMPHNYSRCYTCQVSNSVSSKNGTVCLSPCTLARSFGVEWI ASWLVTVPITLGLLLT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.28
Interspecies Antigen Sequence	Mouse (52); Rat (51)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD48

Entrez GeneID [962](#)

GeneBank Accession# [BC016182](#)

Protein Accession# [AAH16182](#)

Gene Name CD48

Gene Alias BCM1, BLAST, BLAST1, MEM-102, SLAMF2, hCD48, mCD48

Gene Description CD48 molecule

Omim ID [109530](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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.[s applied by OMIM

Other Designations CD48 antigen (B-cell membrane protein)|OTTHUMP00000025680|OTTHUMP00000060268

Pathway

- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)