

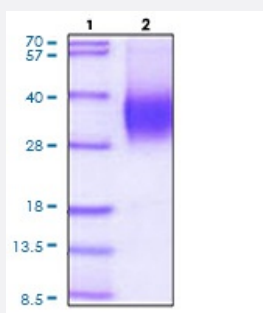
Bioactive

CD48 (Human) Recombinant Protein

Catalog # P8024

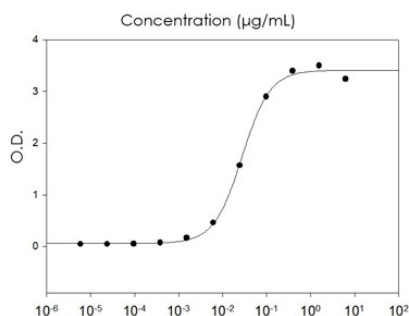
Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis



Specification

Product Description

Human CD48 (P09326, 27 a.a. - 220 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.

Sequence

QGHVHMTVVSGSNVTLNISESLPENYQLTFYTFDQKIVEWDSRKSKEYFESKFGRVRLDPQS
GALYISKVQKEDNSTYIMRVLKKTGNEQEWKIKLQVLDVPKPKVIEKIEDMDDNCYLKLSCVIPGE
SVNYTWYGDKRPFPELQNSVLETTLMPHNYSRCYTCQVSNSVSSKNGTVC

Host

Viruses

Theoretical MW (kDa)

23.4

Form	Liquid
Preparation Method	Baculovirus expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Measured by the binding ability in a functional ELISA with Human CD244
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — CD48

Entrez GeneID	962
Protein Accession#	P09326
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 upplied 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](#)