

Recombinant Mouse CD48 protein, His-tagged, Biotinylated

Cat. No. CD48-867MB Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse CD48 protein(NP_031675.1)(Met1-Arg216), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg216
Form	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse CD48 consists of 205 amino acids and has a calculated molecular mass of 23.7 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 45.5 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name Cd48 CD48 antigen [Mus musculus]

Official Symbol CD48

Synonyms <http://www.ncbi.nlm.nih.gov/gene/12506>

Gene ID 12506

mRNA Refseq NM_007649

Protein Refseq NP_031675

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