

Active Recombinant Mouse Cd84 protein, His-tagged

Cat. No. Cd84-6900M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd84 protein(Q18PI6-1)(Met1-Val221), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Val221
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind biotinylated recombinant human SH2D1A in a functional ELISA.
Molecular Mass	The recombinant mouse CD84 consists of 211 amino acids and has a predicted molecular mass of 24 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD84 is approximately 37-42 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE

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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.

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.

GENE INFORMATION

Gene Name Cd84 CD84 antigen [*Mus musculus*]

Official Symbol Cd84

Synonyms CD84; CD84 antigen; SLAM family member 5; leukocyte differentiation antigen CD84; signaling lymphocytic activation molecule 5; CDw84; SLAMF5; A130013D22Rik;

Gene ID 12523

mRNA Refseq NM_001252472

Protein Refseq NP_001239401

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