

Recombinant Human CD81 protein, mFc-tagged

Cat. No. CD81-0268H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD81 protein(NP_004347.1)(Phe113-Lys201), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	113-201 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Please 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.
Molecular Mass	The recombinant human CD81/mFc comprises 325 amino acids and has a predicted molecular mass of 36.4 kDa. The apparent molecular mass of the monomer is approximately 38-42 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Proteinlength	Phe113-Lys201
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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 CD81 CD81 molecule [Homo sapiens]

Official Symbol CD81

Synonyms CD81; CD81 molecule; CD81 antigen (target of antiproliferative 1) , TAPA1; CD81 antigen; TAPA 1; TSPAN28; tspan-28; tetraspanin-28; 26 kDa cell surface protein TAPA-1; CD81 antigen (target of antiproliferative 1); S5.7; CVID6; TAPA1;

Gene ID 975

mRNA Refseq NM_004356

Protein Refseq NP_004347

MIM 186845

UniProt ID P60033

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