Active Recombinant Human CD81 protein, His-Avi&Flag-tagged, Biotinylated(Detergent)

Cat. No. CD81-574H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD81 protein(P60033)(Gly 2 - Tyr 236) is expressed from Insect cells with His tag, Avi tag and Flag tag.
Species	Human
Source	Insect Cells
ProteinLength	Gly 2 - Tyr 236
Form	Supplied as 0.2 μm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
Bio-activity	Immobilized Biotinylated Human CD81 Protein, His,Avitag&Flag Tag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Monoclonal Anti-Human CD81 antibody, Human IgG1 with a linear range of 0.1-8 ng/mL.
Molecular Mass	The protein has a calculated MW of 31.4 kDa. The protein migrates as 27-29 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>60% as determined by SDS-PAGE.
Storage	This product is stable after storage at:

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Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.
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	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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