

Recombinant Human CD81 Protein, C-His-tagged

Cat. No. CD81-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD81 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	CD81 belongs to the tetraspanin family, which is characterized by four transmembrane domains, one short extracellular domain (ECL1), and one long extracellular domain (ECL2). Tetraspanins interact with a variety of cell surface proteins and intracellular signaling molecules in specialized tetraspanin enriched microdomains (TEMs) where they mediate a range of processes including adhesion, motility, membrane organization, and signal transduction (3). CD81, like other tetraspanins, is enriched in exosomes. Many research studies demonstrate a role for CD81 in lymphocyte signaling. CD81 is also a well-characterized receptor for Hepatitis C Virus and facilitates the entry of the virus into target cells.
Molecular Mass	~10 kDa
AA Sequence	FVNKDQIAKDVKQFYDQALQQAVVDDDANNAKAVVKTFFHETLDCCGSSTLTALTTS VLKNNLCPSGSNIISNLFKEDCHQKIDDLFSGK
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.

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Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

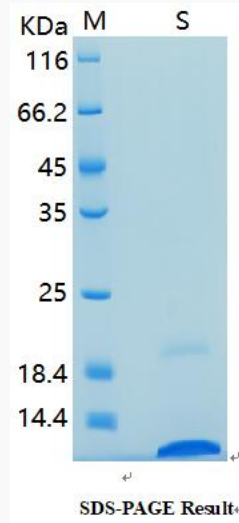
Gene Name	CD81 CD81 molecule [Homo sapiens (human)]
Official Symbol	CD81
Synonyms	CD81; CD81 molecule; CD81 antigen (target of antiproliferative 1) , TAPA1; CD81 antigen; TAPA 1; TSPAN28; tspan-28; tetraspanin-28; 26 kDa cell surface protein TAPA-1; CD81 antigen (target of antiproliferative 1); S5.7; CVID6; TAPA1;
Gene ID	975
mRNA Refseq	NM_004356
Protein Refseq	NP_004347
MIM	186845
UniProt ID	P60033

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SDS-PAGE



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