

Recombinant Human CD81 protein, His-tagged

Cat. No. CD81-3465H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD81 protein(114-199 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	114-199 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VNKDQIAKDVKQFYDQALQQAVVDDDANNAKAVVKTFFHETLDCCGSSTLTALTTSVL KNNLCPSGSNIISNLFKEDCHQKIDDLFS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

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 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