

## Recombinant Human CD81 Protein, His-tagged

**Cat. No.** CD81-151H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD81 molecule(CD81), transcript variant 1(NM_004356), with a His tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.122, without any preservatives.
<b>Molecular Mass</b>	25.6 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)

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**Purity** >90% by SDS-PAGE gel and Coomassie Blue staining

**Applications** Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

## 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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