Recombinant Human CD81 Protein, GST-Tagged

Cat. No. CD81-0866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD81 partial ORF (AAH02978, 25 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. [provided by RefSeq, Jul 2014]
Molecular Mass	36.96 kDa
AA Sequence	GGVILGVALWLRHDPQTTNLLYLELGDKPAPNTFYVGIYILIAVGAVMMFVGFLGCYG AIQESQCLLGTFFTCLVILFACEVAAGIWGFVNKDQIAKDVKQFY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

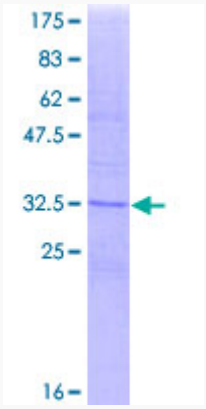
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	Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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