

## Product datasheet for **TP701237**

### CD37 (NM\_001774) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human CD37 molecule (CD37), with C-terminal His tag, secretory expressed in HEK293 cells, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	1 MALWIDRMQL LSCIALSLAL VTNSARAQLE RSLRDVVEKT IQKYGTNPPEE TAAEESWDYV 61 QFQLRCCGWH YPQDWFQVLI LRGNGSEahr VPCSCYNLSA TNDSTILDKV ILPQLSRLGH 121 LARSRHSADI CAVPAESHIY REGCAQGLQK WLHNNHHHHH H
<b>Tag:</b>	C-HIS
<b>Predicted MW:</b>	15.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate Bradford method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	PBS, pH 7.4, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001765</a>
<b>Locus ID:</b>	951
<b>UniProt ID:</b>	<a href="#">P11049</a>
<b>RefSeq Size:</b>	1263
<b>Cytogenetics:</b>	19q13.33
<b>RefSeq ORF:</b>	843
<b>Synonyms:</b>	GP52-40; TSPAN26



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**Summary:**

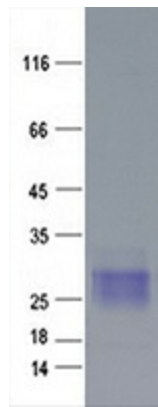
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

**Protein Families:**

Transmembrane

**Protein Pathways:**

Hematopoietic cell lineage

**Product images:**

Purified recombinant protein CD37 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.