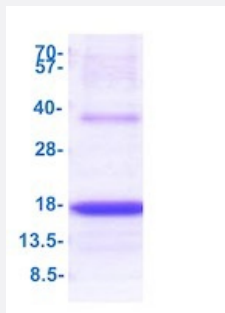


# CD37 (Human) Recombinant Protein

Catalog # P7734      Size 500 ug

## Applications



SDS-PAGE analysis of CD37 (Human) Recombinant Protein

## Specification

<b>Product Description</b>	Human CD37 (NP_001765, 112 a.a. - 241 a.a ) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMGSQRAQLERSLRDVVEKTIQKYGTNPEETAAEESWDYVQFQL RCCGWHYPQDWFQVLILRGNGSEAHRVPCSCYNLSATNDSTILDKVILPQLSRLGHLARSRHSADI CAVPAESHYREGCAQGLQKWLHNN
<b>Host</b>	<i>Escherichia coli</i>
<b>Theoretical MW (kDa)</b>	17.4
<b>Form</b>	Liquid
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Concentration</b>	1mg/mL
<b>Purity</b>	> 90% by SDS-PAGE
<b>Quality Control Testing</b>	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of CD37 (Human) Recombinant Protein
<b>Recommend Usage</b>	SDS-PAGE Denatured The optimal working dilution should be determined by the end user.

**Storage Buffer**

In PBS, pH 7.4 (10% glycerol).

**Storage Instruction**

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — CD37

**Entrez GeneID**[951](#)**Protein Accession#**[P11049](#)**Gene Name**

CD37

**Gene Alias**

GP52-40, MGC120234, TSPAN26

**Gene Description**

CD37 molecule

**Omim ID**[151523](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

**Other Designations**

CD37 antigen|cell differentiation antigen 37|leukocyte surface antigen CD37|tetraspanin-26

## Pathway

- [Hematopoietic cell lineage](#)

## Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)