

## Product datasheet for **AR51704PU-N**

### CD37 (112-241, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CD37 (112-241, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSH HHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSQRAQLER</u> SLRDWVEKTI QKYGTNPEET AAEESWDYVQ FQLRCCGWHY PQDWFQVLIL RGNNGSEAHRV PCSCYNLSAT NDSTILDKVI LPQLSRLGHL ARSRHSADIC AVPAESHIYR EGCAQGLQKW LHNN
Tag:	His-tag
Predicted MW:	17.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CD37 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001035120</u>
Locus ID:	951
UniProt ID:	<u>P11049</u>
Cytogenetics:	19q13.33
Synonyms:	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:**