

CD37 recombinant protein

CD37, 112-241aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48887	HOST E Coli	APPLICATIONS SDS-Page
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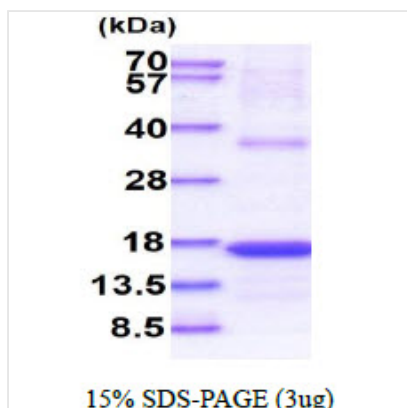
PRODUCT SYNONYMS

CD37; 112-241aa; Human; His tag; E Coli (Denatured); Leukocyte antigen CD37; GP52-40; TSPAN26; CD37 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In phosphate buffer saline (pH 7.4) containing 10% glycerol
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MGSQRAQLER SLRDVVEKTI QKYGTNPEET AAESWDYVQ FQLRCCGWHY PQDWFQVLIL RGNSEAHVR PCSCYNLSAT NDSTILDKVI LPQLSRLGHL ARSRHSADIC AVPAESHIYR EGCAQGLQKW LHNN
Sequence Length	281
Applicable Applications for CD37 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CD37 recombinant protein	CD37 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 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. Recombinant human CD37 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for CD37 recombinant protein	Immunology
References	Draber P., et al (2011). Mol. Cell. Biol. 31:4550-4562; Classon B.J., et al (1989). J. Exp. Med. 169:1497-1502;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502663
NCBI GeneID	951
NCBI Accession #	NP_001765
NCBI GenBank Nucleotide #	NM_001774.2
UniProt Accession #	P11049; Q3KPF9; B4DVC1
Molecular Weight	17.4 kDa (154aa)
NCBI Official Full Name	leukocyte antigen CD37 isoform A
NCBI Official Synonym Full Names	CD37 molecule
NCBI Official Symbol	CD37
NCBI Official Synonym Symbols	GP52-40; TSPAN26
NCBI Protein Information	leukocyte antigen CD37
UniProt Protein Name	Leukocyte antigen CD37
UniProt Gene Name	CD37
UniProt Synonym Gene Names	TSPAN26; Tspan-26

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd37-recombinant-protein-e-coli-sds-page/48887>