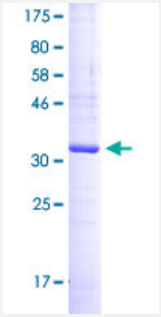
CD37 (Human) Recombinant Protein (Q01)

Catalog # H00000951-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD37 partial ORF (NP_001765.1, 112 a.a. - 211 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	RAQLERSLRDVVEKTIQKYGTNPEETAAEESWDYVQFQLRCCGWHYPQDWFQVLILRGNGSEAH RVPCSCYNLSATNDSTILDKVILPQLSRLGHLARSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (61); Rat (62)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD37

Entrez GeneID	951
GeneBank Accession#	NM_001774.1
Protein Accession#	NP_001765.1
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 a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y 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 prot ein 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 m ultiple 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