

CD37, 112-241 aa Human, His tag, E.coli**Cat.NO.: TP01507**

3th Edition

Synonyms:Leukocyte antigen CD37, GP52-40, TSPAN26

Description: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.

Form:Liquid. In Phosphate buffer saline(pH 7.4) containing 10% glycerol

Molecular Weight:17.4 kDa (154aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMG SQRAQLERSLRDVVEKTIQKYGTNPEETA AEESWDYVQFQLRCCGWHYPQD
WFQVLILRGNGSEAH RVPCSCYNLSATNDSTILDKVILPQLSRLGHLARSRH SADICAVPAESHIYREGCAQGLQKW
LHNN

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.