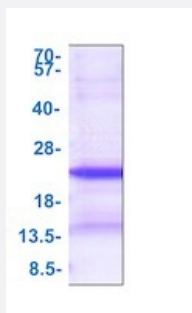


CD300E (Human) Recombinant Protein

Catalog # P7712

Size 500 ug

Applications



SDS-PAGE analysis of CD300E (Human) Recombinant Protein

Specification

Product Description	Human CD300E (NP_852114.2, 18 a.a. - 173 a.a) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSLKGP GSVTGTAGDSLTVWCQYESMYKGYNKYWCRGQYDT SCESVETKGEEKVERNGRVSIRDHPEALFTVTMQNLNEDDAGSYWCKIQTVWVLDWSRDPS DLVRVYVSPAITTPRRTTHPATPPIFLVNPGRNLSTGEVLTQNSGFRLSSPH
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	19.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	1mg/mL
Purity	> 85% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of CD300E (Human) Recombinant Protein
Recommend Usage	SDS-PAGE Denatured The optimal working dilution should be determined by the end user.

Storage Buffer

In 20 mM Tris-HCl buffer, pH 8.0 (10% glycerol, 0.4M Urea).

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 — CD300E

Entrez GeneID[342510](#)**Protein Accession#**[Q496F6](#)**Gene Name**

CD300E

Gene Alias

CD300LE, CLM2, IREM2

Gene Description

CD300e molecule

Omim ID[609801](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

CD300LE is an activating receptor of the immunoglobulin (Ig) superfamily expressed on myeloid cells. It mediates activating signals by interacting with DAP12 (TYROBP; MIM 604142) (Aguilar et al., 2004 [PubMed 15557162]).[supplied by OMIM]

Other Designations

CD300 antigen like family member E|CD300e antigen|immune receptor expressed on myeloid cells 2

Disease

- [Osteoporosis](#)