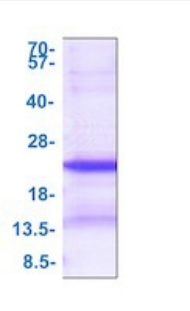
CD300E (Human) Recombinant Protein

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 *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSLKGPGSVTGTAGDSLTVWCQYESMYKGYNKYWCRGQYDT SCESIVETKGEEKVERNGRVSIRDHPEALAFTVTMQNLNEDDAGSYWCKIQTVWVLDSWSRDPS DLVRVYVSPAITTPRRTTHPATPPIFLVVNPGRNLSTGEVLTQNSGFRLSSPH
Host	Escherichia coli
Theoretical MW (kDa)	19.9
Form	Liquid
Preparation Method	*Escherichia coli* 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.

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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

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