

CD300E, 18-173aa, Human, His tag, E.coli

Cat.NO.: TP01502

3th Edition

Synonyms:CMRF35-like molecule 2 precursor, CD300LE, CLM-2, CLM2, CMRF35-A5, IREM-2, IREM2, PIgR-2, PIgR2

Description:CMRF35-like molecule 2 precursor, also known as CD300E, is a 205 amino acid single-pass type I membrane protein that contains one Ig-like V-type (immunoglobulin-like) domain and belongs to the CD300 family. Interacting with DAP12, CD300E most likely functions as an activating receptor. CD300E is present on the surface of mature hematopoietic cells of the monocyte and myeloid lineages. Recombinant human CD300E protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0)

Molecular Weight:19.9kDa (179aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSLKGP GSVTGTAGDSLTVWCQYESMYKGYNKYWCRGQYDTSCESIVETKGE
EKVERNGRVSIRDHPEALAFVTMQNLNEDDAGSYWCKIQTVVWLDSWSRDPDLVRVYVSPAITTPRRTTHPAT
PPIFLVVPGRNLSTGEVLTQNSGFRLSSPH

Purity:> 95% by HPLC

Concentration:1 mg/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.