

Recombinant human CD300C protein

Catalog Number: ATGP1916

PRODUCT INFORMATION

Expression system

E.coli

Domain

21-183aa

UniProt No.

Q08708

NCBI Accession No.

NP_006669

Alternative Names

LMIR2, LIR, Immunoglobulin superfamily member 16, IGSF16, CMRF35-like molecule 6, CMRF35A1, CMRF35A, CMRF35, CLM-6, CD300LMIR2, CD300C molecule, CD300C, CD300 antigen-like family member C, , ,

PRODUCT SPECIFICATION

Molecular Weight

20.2 kDa (186aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CMRF35-like molecule 6, also known as CD300C, belongs to the CD300 family. The CMRF35 antigen, which was identified by reactivity with a monoclonal antibody, is present on monocytes, neutrophils, and some T and B lymphocytes. Recombinant human CD300C protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>GYFPLSH PMTVAGPVGG SLSVQCRYEK EHRTLKFWC RPPQILRC DK

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IVETKGSAGK RNGRVSIRDS PANLSFTVTL ENLTEEDAGT YWCGVDTPWL RDFHDPIVEV EVSVFPAGTT TASSPQSSMG
TSGPPTKLPV HTWPSVTRKD SPEPSHPHGS LFSNVR

General References

Jackson D.G., et al. (1992) Eur. J. Immunol. 22:1157-1163

Clark G.J., et al. (2001) Tissue Antigens. 57:415-423

DATA

SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

