

Recombinant human CD200 protein

Catalog Number: ATGP2695

PRODUCT INFORMATION

Expression system

E.coli

Domain

31-232aa

UniProt No.

P41217

NCBI Accession No.

NP_005935

Alternative Names

CD200 molecule, MOX1, MOX2, MRC, OX-2

PRODUCT SPECIFICATION

Molecular Weight

24.8 kDa (225aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% 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

CD200 is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene. Recombinant human CD200 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSQVQVVTQ DEREQLYTPA SLKCSLQNAQ EALIVTWQKK KAVSPENMVT FSENHGVVIQ
PAYKDKINIT QLGLQNSTIT FWNITLEDG CYMCLFNTFG FGKISGTAEL TVYVQPIVSL HYKFSEDHLN ITCSATARPA
PMVFWKVPRS GIENSTVTLS HPNGTTSVTS ILHIKDPKNQ VGKEVICQVL HLGTVTDFKQ TVNKG

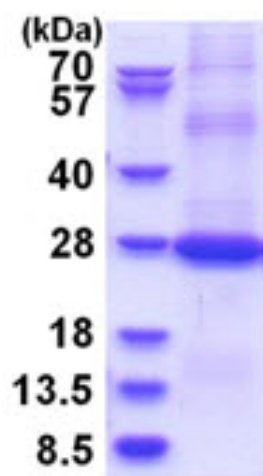
General References

Belkin,D.A, et al. (2013) JAMA Dermatol 149 (2), 178-186

Memarian,A., et al. (2012) Tumour Biol. 34 (1), 531-542

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)