

Product information



CD200, 31-232aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2695

Full name: CD200 molecule

NCBI Accession No.: NP_005935

Synonyms: MOX1, MOX2, MRC, OX-2

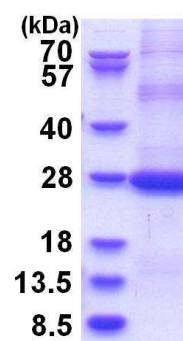
Description: CD200 is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage 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*.

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

Molecular Weight: 24.8kDa (225aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSQVQVVTD DEREQLYTPA SLKCSLQNAQ EALIVTWQKK KAVSPENMVT FSENHGVVIQ PAYKDKINIT
QLGLQNSTIT FWNITLEDEG CYMCLFNTFG FGKISGTAQL TVYVQPIVSL HYKFSEDLN ITCSATARPA PMVFWKVPRS GIENSTVTLN
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

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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