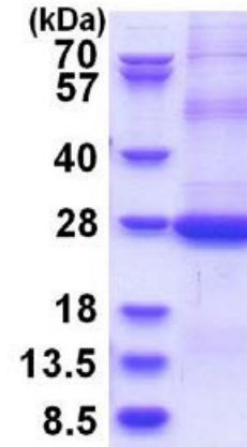


CD200, human recombinant

CATALOG #:	7309-50	50 µg
ALTERNATE NAMES:	CD200 molecule, MOX1, MOX2, MRC, OX-2	
SOURCE:	E. coli	
PURITY:	> 90% by SDS-PAGE	
MOL. WEIGHT:	24.8 kDa (225 aa, 31-232 aa + His tag), confirmed by MALDI-TOF.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORM:	Liquid	
FORMULATION:	1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea.	
STORAGE CONDITIONS:	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.	

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.

AMINO ACID SEQUENCE: MGSSHHHHHH SSSLVPRGSH MGSQVQVVTQ
DEREQLYTPA SLKCSLQNAQ EALIVTWQKK KAVSPENMVT FSENHGVVIQ
PAYKDKINIT QLGLQNSTIT FWNITLEDEG CYMCLFNFTFG FGKISGTAQL TVYVQPIVSL
HYKFSEDHLN ITCSATARPA PMVFWKVP RS GIENSTV TLS HPNGTTSVTS
ILHIKDPKNQ VGKEVICQVL HLGTVTDFKQ TVNKG



15% SDS-PAGE (3µg)

CD200, human recombinant

RELATED PRODUCTS:

- CD1E, human recombinant (Cat. No. 7308-100)
- CD226, human recombinant (Cat. No. 7310-100)
- CD274, mouse recombinant (Cat. No. 7311-100)
- CD300C, human recombinant (Cat. No. 7312-100)
- CD3G, human recombinant (Cat. No. 7313-100)
- CD46, human recombinant (Cat. No. 7314-100)
- CD5, human recombinant (Cat. No. 7315-100)
- CD7, human recombinant (Cat. No. 7316-100)
- CD74, human recombinant (Cat. No. 7317-100)
- CD79B, human recombinant (Cat. No. 7318-100)
- CD84, human recombinant (Cat. No. 7319-100)
- CD8B, human recombinant (Cat. No. 7320-100)

FOR RESEARCH USE ONLY! Not to be used in humans.