
Product Data Sheet

Product Name: CD200 Human
 Cat. No.: GP23089
 Batch No.: 1

Product Data

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|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | E.coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | MOX1; MOX2; MRC; OX-2; OX-2 membrane glycoprotein; CD_antigen; CD200. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MGSQVQVVTQ DEREQLYTPA SLKCSLQNAQ EALIVTWQKK KAVSPENMVT FSENHGVVIQ PAYKDKINIT QLGLQNSTIT FWNITLED EG CYMCLFNTFG FGKISGTACL TVYVQPIVSL HYKFSEDHLN ITCSATARPA PMVFWKVPRS GIENSTVTLS HPNGTTSVTS ILHIKDPKNQ VGKEVICQVL HLGTVTDFKQ TVNKG. | | |
| Formulation | CD200 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. | | |

Introduction

CD200 is a type-1 membrane glycoprotein which is a part of the immunoglobulin superfamily due to its 2 immunoglobulin domains. CD200 regulates myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in various tissues. CD200 is also Costimulates T-cell proliferation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CD200 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (31-232 a.a) and having a molecular mass of 24.8kDa. CD200 is fused to a 23 amino acid His-tag at N-terminus.

Caution: Product has not been fully validated for medical applications. For research use only.

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