
Product Data Sheet

Product Name: CD200R1 Human

Cat. No.: GP23091

Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms Cell surface glycoprotein CD200 receptor 1 isoform d; CD200R1; CD200R; HCRTR2; MOX2R; OX2R; Cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Cell surface glycoprotein OX2 receptor 1; Cd200r1; Mox2r; Ox2r.

Amino Acid Sequence
 ADLSSSLCMD EKQITQNYSK VLAEVNTSWP VKMATNAVLC CPPIALRNLI
 IITWEIILRG QPSCTKAYKK ETNETKETNC TDERITWVSR PDQNSDLQIR
 TVAITHDGYY RCIMVTPDGN FHRGYHLQVL VTPEVTLFQN RNRTAVCKAV
 AGKPAAHISW IPEGDCATKQ EYWSNGTVTV KSTCHWEVHN VSTVTCHVSH
 LTGNKSLEYIE LLPVPGAKKS AKLLEPKSCD KTHTCP PCA PELLGGPSVF
 LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP
 REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP IEKTISKAKG
 QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQ PENNY
 KTTTPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL
 SLSPGKHHHH HH.

Formulation CD200R1 protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

Introduction

CD200R1, also known as cell surface glycoprotein CD200 receptor 1, is an isoform of CD200 receptors which is expressed on cells of the myeloid lineage. CD200R1 inhibitory signaling pathway has been involved in taking a prominent role in limiting inflammation in a broad range of inflammatory diseases. CD200R1 signaling inhibits the expression of proinflammatory molecules including tumor necrosis factor, interferons, in addition to inducible nitric oxide synthase in response to selected stimuli.

Stability

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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

CD200R1 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 462 amino acids (24-243 a.a.) and having a molecular mass of 51.9kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). CD200R1 is expressed with 242 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA