

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN CD200R1 PROTEIN, HIS TAG

Cat.#: 11608

Product Name: Human CD200R1 Protein

Size: 10 μg, 50 μg and 100 μg

Synonyms: CD200R;HCRTR2;MOX2R;OX2R

Target: CD200R1

UNIPROT ID: Q8TD46

Description: Recombinant Human CD200R1 Protein with C-terminal 6xHis

tag

Background: This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 25.0 kDa after removal of the signal peptide. The apparent molecular mass of CD200R1-His is approximately 35-70 kDa due to alycosylation.

Molecular Characterization: CD200R1(Met29-Leu243) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010

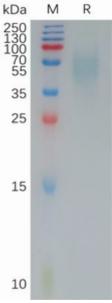


Figure 1. Human CD200R1 Protein, His Tag on SDS-PAGE under reducing condition.