

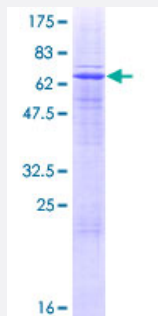
Full-Length

CD200R1 (Human) Recombinant Protein (P01)

Catalog # H00131450-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CD200R1 full-length ORF (NP_620161.1, 1 a.a. - 348 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLCPWRTANLGLLLILTIFLVAEAEAGAAQPNNSLMLQTSKENHALASSSLCMDEKQITQNYSKVLA
EVNTSWPVKMATNAVLCPPIALRNLIITWEILRGQPSCTKAYKKETNETKETNCTDERITWVSRP
DQNSDLQIRTVAITHDGYRCIMVTPDGNFHRGYHLQVLVTPEVTLFQNRNRTAVCKAVAGKPAAH
ISWIPEGDCATKQEYWSNGTVTKSTCHWEVHNVTSTCHVSHLTGNKSLYELLVPGAKKSAK
LYPYIILTIIILTIVGFWLLKVNCRKYKLNKTESTPVVEEDEMOPYASYTEKNNPLYDTTNKVKASEA
LQSEVDLHTL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD200R1

Entrez GeneID [131450](#)**GeneBank Accession#** [NM_138806.3](#)**Protein Accession#** [NP_620161.1](#)**Gene Name** CD200R1**Gene Alias** CD200R, HCRTR2, MOX2R, OX2R**Gene Description** CD200 receptor 1**Omim ID** [607546](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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]

Other Designations MOX2 receptor|cell surface glycoprotein OX2 receptor|cell surface glycoprotein receptor CD200