

Product information

Cd200r1, 26-238aa

Mouse, hlgG-His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3457

Full name: Cell surface glycoprotein CD200 receptor 1

NCBI Accession No.: NP_067300

Synonyms: Cd200r1, CD200R, Mox2r, OX2R

Description: Cd200r1, also known cell surface glycoprotein CD200 receptor 1, is an isoform of CD200 receptors which is expressed on cells of the myeloid lineage. Its inhibitory signaling pathway has been implicated in playing a prominent role in limiting inflammation in a wide range of inflammatory diseases. Its signaling inhibits the expression of proinflammatory molecules including tumor necrosis factor, interferons, and inducible nitric oxide synthase in response to selected stimuli. Recombinant mouse Cd200r1, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 50.4kDa (455aa)

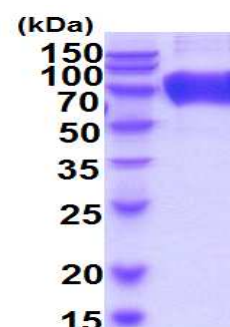
70-100kDa (SDS-PAGE under reducing conditions)

Predicted N terminal: Ala

Purity: > 95% by SDS - PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



15% SDS-PAGE (3µg)

Sequences of amino acids:

ADPTDKNQTT QNSSSPLTQ VNTTVSVQIG TKALLCCFSI PLTKAVLITW I I KLRGLPSC TIAYKVDTKT NETSCLGRNI TWASTPDHSP
ELQISAVTLQ HEGTYTCETV TPEGNFENY DLQVLVPEV TYFPEKNRSA VCEAMAGKPA AQISWSPDGD CVTTSESHSN GTVTVRSTCH
WEQNNVSDVS CIVSHLTGNQ SLSIELSRGG NQSLRPLEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMI SRTPE VTCVVVDVSH
EDPEVKFNWY VDGVEVHNK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL
TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH
HHHHH

General references:

Vaine CA., *et al.* (2014) *Adv Immunol.* 121:191-211.

Horie S., *et al.* (2013) *Sci Rep.* 3:3072.

Storage: 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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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