

Datasheet for ABIN7320208
CD200R4 Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD200R4
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD200R4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD200R4/CD200RLa Protein (His Tag)
Sequence:	Met 1-Thr 241
Characteristics:	A DNA sequence encoding the extracellular domain of mouse CD200R4 (NP_997127.1) (Met 1-Thr 241) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 96 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CD200R4
Alternative Name:	CD200R4/CD200RLa (CD200R4 Products)
Background:	Background: Cell surface glycoprotein CD200 receptor 4, also known as Cell surface glycoprotein OX2 receptor 4, CD200 cell surface glycoprotein receptor-like 4, CD200RLa, and CD200R4, is a single-pass type I membrane protein which belongs to the CD200R family.

Target Details

CD200 (OX2) is a cell surface glycoprotein that interacts with a structurally related receptor (CD200R) expressed mainly on myeloid cells and is involved in regulation of macrophage and mast cell function. In mouse there are up to five genes related to CD200R with conflicting data as to whether they bind CD200. CD200R4 contains one Ig-like C2-type (immunoglobulin-like) domain and one Ig-like V-type (immunoglobulin-like) domain. CD200R4 is highly expressed in monocytes, NK cells and a subset of NKT cells. It is weakly expressed in granulocytes and B cells (at protein level). CD200R4 is also expressed in brain, lung, testis, thymus, intestine and uterus. and in bone marrow derived-macrophage and dendritic cells and mast cells. CD200R4 is involved in the recruitment or surface expression of the TYROBP receptor.

Synonym: Cd200r4;F630107N04Rik;MCD200RLa;CD200 Receptor 4

Molecular Weight: 25 kDa

NCBI Accession: [NP_997127](#)

Application Details

Restrictions: For Research Use only

Handling

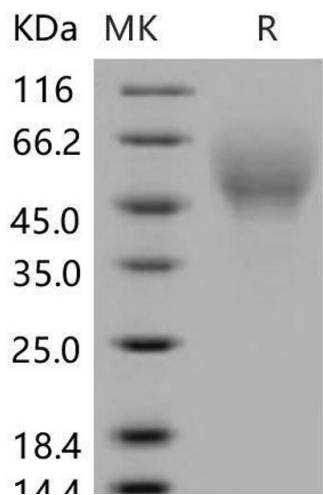
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.