



Recombinant Mouse Scavenger receptor cysteine-rich type 1 protein M130 (Cd163), partial

Product Code	CSB-YP650452MO
Relevance	Involved in clearance and endocytosis of hoglobin/haptoglobin complexes by macrophages and may thereby protect tissues from free hoglobin-mediated oxidative damage. May play a role in the uptake and recycling of iron, via endocytosis of hoglobin/haptoglobin and subsequent breakdown of he. Binds hoglobin/haptoglobin complexes in a calcium-dependent and pH-dependent manner. Induces a cascade of intracellular signals that involves tyrosine kinase-dependent calcium mobilization, inositol triphosphate production and secretion of IL6 and CSF1 .After shedding, the soluble form (sCD163) may play an anti-inflammatory role.
Abbreviation	Recombinant Mouse Cd163 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q2VLH6
Alias	CD163
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VVCQQLGCPTSIKALGWANSSAGSGYIWMKVSCTGNESALWDCKHGDGKG KHNCCTHEKDAGVTCSDGSNLEMRLVNSAGHRCLGRVEIKFQGKWGTVCDDN FSKDHASVICKQLGCGSAISFSGSAKLGAGSGPIWLDDLACNGNESALWDCK HRGWGKHNCDAEDVGICLEGADLSRLVDGVSRCSGRLEVRFQGEWGT CDDNWDLRDASVVCKQLGCPTAISAIGRVNASEGSGQIWLDNISCEGHEATL WECKHQEWGKHCHHREDAGVTCS
Research Area	Others
Source	Yeast
Target Names	Cd163
Protein Names	Recommended name: Scavenger receptor cysteine-rich type 1 protein M130 Alternative name(s): CD_antigen= CD163 Cleaved into the following chain: 1. Soluble CD163 Short name= 2. sCD163
Expression Region	86-365aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged

