

Scavenger receptor cysteine-rich type 1 protein M130 Recombinant Protein | Cd163 recombinant protein

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

CATALOG # AAA116950	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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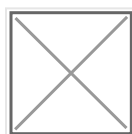
PRODUCT SYNONYMS

Scavenger receptor cysteine-rich type 1 protein M130; Recombinant Mouse Scavenger receptor cysteine-rich type 1 protein M130 (Cd163); partial; CD163; Cd163 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	86-365. Partial.
Sequence	VVCQQLGCPT SIKALGWANS SAGSGYIWM KVSCTGNESA LWCKHDGWD KHNCTHEKDA GVTCSDGSNL EMRLVNSAGH RCLGRVEIKF QGKWGTVCDD NFSKDHASVI CKQLGCGSAI SFSGSAKLGA GSGPIWLDDL ACNGNESALW DCKHRGWGKH NCDHAEDGV ICLEGADLSL RLVGVSRCs GRLEVRFQGE WGTVCDDNWD LRDA SVCKQ LGCPTAISAI GRV NASEGSG QIWL DNISCE GHEATLWECK HQEWGKH YCH HREDAGVTCS
Sequence Length	365
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Cd163 recombinant protein	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.
References	Molecular cloning and characterization of the mouse CD163 homologue, a highly glucocorticoid-inducible member of the scavenger receptor cysteine-rich family.Schaer D.J., Boretti F.S., Hongegger A., Poehler D., Linnscheid P., Staeger H., Mueller C., Schoedon G., Schaffner A.Immunogenetics 53:170-177(2001) Scavenger receptor cd163 is a cell permissive factor for infection with porcine reproductive and respiratory syndrome viruses.Welch S.-K.W., Calvert J.G., Slade D.E., Shields S.L. Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281371421
NCBI GeneID	93671
NCBI Accession #	NP_444324.2
NCBI GenBank Nucleotide #	NM_053094.2
UniProt Accession #	Q2VLH6; Q2VLH5; Q99MX8; A6H691
Molecular Weight	32.2 kDa
NCBI Official Full Name	scavenger receptor cysteine-rich type 1 protein M130 isoform 2
NCBI Official Synonym Full Names	CD163 antigen
NCBI Official Symbol	Cd163
NCBI Official Synonym Symbols	CD163v2; CD163v3
NCBI Protein Information	scavenger receptor cysteine-rich type 1 protein M130
UniProt Protein Name	Scavenger receptor cysteine-rich type 1 protein M130
UniProt Gene Name	Cd163
UniProt Synonym Gene Names	M130; sCD163
UniProt Entry Name	C163A_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd163-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116950>