

Porcine CD163 Recombinant Protein



RPPB4196

Product Information Protein Information

Product SKU:

RPPB4196

Accession:

Q2VL90

Host:

Escherichia Coli.

Protein description:

CD163 Porcine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 805 amino acids and having a molecular mass of 87kDa. The CD163 is fused to an 8 amino acid His Tag at C-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CD-163, Hemoglobin scavenger receptor, macrophage-associated antigen, M130, sCD163, CD163, MM130.

Formulation:

The protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4, containing 4M Urea.

Purity:

Greater than 95.0% as determined by: (a) Analysis by HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized CD163 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized CD163 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CD163 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MDKLRMVLHE NSGSADLKL R VVDGVTECSG RLEVKFQGEW GTICDDGWDS DDAAVACKQL GCPTAVTAIG
RVNASEGTGH IWLDVSCHG HESALWQCRH HEWGGKHYCNH NEDAGVTCSD GSDLELRKLG GSHCAGTVE
VEIQKLVGKV CDRSWGLKEA DVVCRQLGCG SALKTSYQVY SKTKATNTWL FVSSCNGNET SLWDCKNWQW
GGLSCDHYDE AKITCSAHRK PRLVGGDIPC SGRVEVQHG D TWGTVCDSD F SLEAASVLCR ELQC GTV VSL
LGGAHFGE G S QGIWAEEFQC EGHESHLSLC PVAPRPDGT C SHSRDVG VVC SRYTQIRLVN GKTPCEGRVE
LNILGSWGS L CNSHWDMEDA HVLCQQLKCG VALSIPGGAP FGK GSEQVWR HMFHCTGTEK HMGDCSVTAL
GASLCSSGQV ASVICSGNQS QTLSPCNSSS SDPSSSIISE ENGVACIGSG QLRLVDGGGR CAGRVEVYHE
GSWGTICDDS WDLNDAHVVC KQLSCGWAIN ATGSAHFEGEG TGPIWLDEIN CNGKESHIWQ CHSHGWGRHN
CRHKEDAGVI CSEFMSLR LI SENSRETCAG RLEVFYNGAW GSVGKNSMSP ATVG VVCRQL GCADRGDISP
ASSDKTVSRH MWVDNVQCPK GPD TLWQCPS SPWKKRLASP SEETWITCAN KIRLQEGNTN CSGRVEIWWY
GSWGTVCDDS WDL EDAQVVC RQLGCGSALE AGKEAAFQGG TGPIWLNEVK CKGNETSLWD CPARSWGHSD
CGHKEDAAVT CSEIAKSRES LHATGRSHHH HHHHH.