

CD163 Porcine Recombinant

Item Number	rAP-0108
Synonyms	CD-163, Hemoglobin scavenger receptor, macrophage-associated antigen, M130, sCD163, CD163, MM130.
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.
Uniprot Accession Number	Q2VL90
Amino Acid Sequence	MDKLRMVLHE NSGSADLKLR VVDGVTECSG RLEVKFQGEW GTICDDGWDS DDAAVACKQL GCPTAVTAIG RVNASEGTGH IWLDSVSCHG HESALWQCRH HEWGKHYCNH NEDAGVTCSD GSDLELRLKG GGS HCAGTVE VEIQKLVGKV CDRSWGLKEA DVVCRQLGCG SALKTSYQVY SKT- KATNTWL FVSSCNGNET SLWDCKNWQW GGLSCDHYDE AKITCSAHRK PRLVGGDIPC SGRVEVQHGD TWGTVCDSD F SLEAASVLCR ELQCGTVVSL LGGAHFGEQS GQIWAEFFQC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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).
Formulation and Purity	The protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4, containing 4M Urea. Greater than 95.0% as determined by: (a) Analysis by HPLC.
Application	
Solubility	It is recommended to reconstitute the lyophilized CD163 in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**