9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD68 Human, sf9

CD68 Human Recombinant, sf9
CDA0102

Product Overview

Name	CD68 Human, sf9
Description	
CD68 Human Recombinant, sf9	
Accession (Primary)	P34810
Synonyms	
Macrosialin, CD68, Gp110, Macrosialin isoform A, GP110, LAMP4, SCARD1.	
Introduction	
CD68 encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CD68 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by analysis by SDS-PAGE.	
Amino acid sequence	
ADPNDCPHKK SATLLPSFTV TPTVTESTGT TSHRTTKSHK TTTHRTTTTG TTSHGPTTAT HNPTTTSHGN VTVHPTSNST ATSQGPSTAT HSPATTSHGN ATVHPTSNST ATSPGFTSSA HPEPPPPSPS PSPTSKETIG	

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DYTWTNGSQP CVHLQAQIQI RVMYTTQGGG EAWGISVLNP NKTKVQGSCE GAHPHLLLSF PYGHLSFGFM QDLQQKVVYL SYMAVEYNVS FPHAAQWTFS AQNASLRDLQ APLGQSFSCS NSSIILSPAV HLDLLSLRLQ AAQLPHTGVF GQSFSCPSDR S HHHHHH .

Precautions

CD68 Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P34810)