

Full-Length

CD68 (Human) Recombinant Protein

Catalog # P9099

Size 5 ug

Specification

Product Description	Human CD68 (P34810) full-length recombinant protein expressed in <i>Escherichia coli</i> .
Host	Escherichia coli
Theoretical MW (kDa)	38
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Storage Buffer	50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — CD68

Entrez GeneID	968
Protein Accession#	P34810
Gene Name	CD68
Gene Alias	DKFZp686M18236, GP110, SCARD1
Gene Description	CD68 molecule
Omim ID	153634

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene 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. [provided by RefSeq]

Other Designations

CD68 antigen|OTTHUMP00000135285|macrophage antigen CD68|macrosialin|scavenger receptor class D, member 1

Pathway

- [Lysosome](#)