

Proteoliposomes

Full-Length

CD68 (Human) Recombinant Protein

Catalog # H00000968-G01

Size 10 ug

Specification

Product Description	Human CD68 full-length ORF (NP_001242.2) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MRLAVLFSGALLGLLAAQGTGNDCPHKKSATLLPSFTVTPTVTESTGTTSHRTTKSHKTTTHRTTT TGTTSHGPTTATHNPSTTSHGNVTVHPTSNSTATSQGPSTATHSPATTSHGNATVHPTSNSTATSP GFTSSAHPEPPPPSPSPSPTSKETIGDYTWNGSQPCVHLQAQIQIRVMYTTQGGGEAWGISVLN PNKTKVQGSCEGAHPHLLLSFPYGHLSFGFMQDLQKVVVLSYMAVEYNVSFPHAAQWTFSAQ NASLRDLQAPLGQSFSCSNSSILSPAVHLDLLSLRLQAAQLPHTGVFGQSFSCPSDRSILLPLIIGLI LLGLLALVLIAFCIIRRRPSAYQAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
Interspecies Antigen Sequence	Rat (74)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CD68

Entrez GeneID	968
GeneBank Accession#	NM_001251.2
Protein Accession#	NP_001242.2
Gene Name	CD68
Gene Alias	DKFZp686M18236, GP110, SCARD1
Gene Description	CD68 molecule
Omim ID	153634
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
Other Designations	CD68 antigen OTTHUMP00000135285 macrophage antigen CD68 macrosialin scavenger receptor class D, member 1

Pathway

- [Lysosome](#)