

Recombinant Human CD68 Molecule, His-tagged

Cat. No. CD68-7135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD68 protein, fused to His-tag at N-terminus, was expressed in E. coli. MW: 34.1 kDa
Species	Human
Source	E.coli
ProteinLength	22-319aa
Description	Macrosialin, also known as CD68, is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. It is found in cytoplasmic granules and in the cytoplasm of various non-hematopoietic tissues including liver and kidney tubules and glomeruli. CD68 is also found, to a lesser extent, on the surface of macrophages, monocytes, neutrophils, basophils and large lymphocytes.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol, 0.1M NaCl
Molecular Mass	34.1 kDa (323aa)
AA Sequence	MGSSHPLHHH SGLVPRGSH MGSHMNDCPH KKSATLLPSF TVTPTVTEST GTTSHRTTKS HKTTTHRTTT TGTTS HGPTT ATHNPTTTSH GNVTVHPTSN STATSQGPST ATHSPATTSH GNATVHPTSN STATSPGFTS SAHPEPPPPS PSPSPTSKET IGDYTWNGS QPCVHLQAQI QIRVMYTTQG GGEAWGISVL NPNKTKVQGS CEGAHPHLLL SFPYGHLSFG FMQDLQKQVV YLSYMAVEYN

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VSEPHAAQWT FSAQNASLRD LQAPLGQSFS CSNSSIILSP AVHLDLLSLR
LQAAQLPHTG VFGQSFSCPS DRS

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [CD68 CD68 molecule \[Homo sapiens \]](#)

Official Symbol CD68

Synonyms CD68; CD68 molecule; CD68 antigen; macrosialin; DKFZp686M18236; GP110; LAMP4; macrophage antigen CD68; SCARD1; scavenger receptor class D; member 1; scavenger receptor class D, member 1;

Gene ID [968](#)

mRNA Refseq [NM_001040059](#)

Protein Refseq [NP_001035148](#)

MIM [153634](#)

UniProt ID [P34810](#)

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Chromosome Location	17p13
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;