

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 FMQDLQQKVV YLSYMAVEYN

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	VSEPHAAQWT FSAQNASLRD LQAPLGQSFS CSNSSILSP 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;

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