Recombinant Human CD68 protein, Fc-His-tagged

Cat. No. CD68-3253H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD68 protein(NP_001242.2)(Met 1-Ser 319) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-319 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CD68/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 546 amino acids and has a predicted molecular mass of 59.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CD68/Fc monomer is approximately 110-120 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 96 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

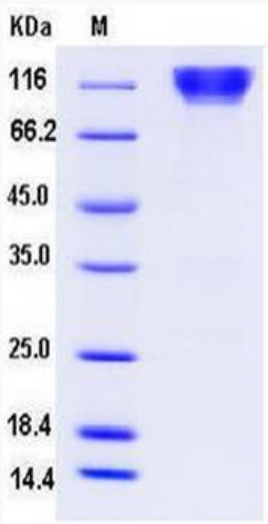
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001035148.1
Unit ID	P34810
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/P34810

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

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SDS-PAGE	

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