

## Recombinant Human CD68 protein, His-tagged

**Cat. No.** CD68-7312H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD68 protein(NP_001242.2)(Met 1-Ser 319) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-319 aa
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
<b>Molecular Mass</b>	The secreted recombinant human CD68 consists of 308 amino acids and predicts a molecular mass of 32.9 KDa. The apparent molecular mass of the protein is approximately 68 Kda in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 98 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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.

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**protein Refseq-Weblink** [http://www.ncbi.nlm.nih.gov/protein/NP\\_001035148.1](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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