

## Recombinant Mouse CD68 Protein (21-291 aa), His-tagged

Cat. No. CD68-2336M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD68 Protein (21-291 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
<b>Species</b>	Mouse
<b>Source</b>	Yeast
<b>ProteinLength</b>	21-291 aa
<b>Description</b>	Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and Extracellular domain cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma mbrane may allow macrophages to crawl over selectin-bearing substrates or other cells.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	30.8 kDa
<b>AA Sequence</b>	DCPHKKAVTLLPSFTMTPTATESTASPTTSHRPTTTSHGNVTVHTSSGPTTVTHNPA TTTSHGNATISHATVSPPTNGTATSPRSSTVGPHPGPPPPSPSPRSK GALGNywa NGSQPCVQLQAQIQIRILYPIQGGRKAWGISVLNPNKTKVQGGCDGTHPHLSLSFPY GQLTFGFKQDLHQSPSTVYLDYMAVEYNV SFPQAAQWTFMAQNSSLRELQAPLGG

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SFCCGNASIVLSPAVHLDLLSLRLQAAQLPDKGHFGPCFSCNRDQS

**Purity** > 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** [Cd68 CD68 antigen \[ Mus musculus \]](#)

**Official Symbol** [CD68](#)

**Synonyms** CD68; CD68 antigen; macrosialin; gp110; Scard1;

**Gene ID** [12514](#)

**mRNA Refseq** [NM\\_009853](#)

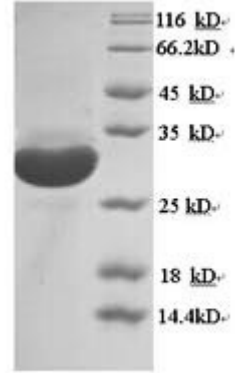
**Protein Refseq** [NP\\_033983](#)

**UniProt ID** [P31996](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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