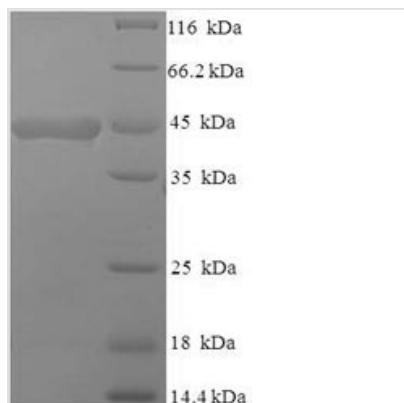




# Recombinant Mouse Macrosialin (Cd68), partial

<b>Product Code</b>	CSB-EP004951MO
<b>Relevance</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>Abbreviation</b>	Recombinant Mouse Cd68 protein, partial
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P31996
<b>Alias</b>	CD68
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	DCPHKKAVTLLPSFTMTPTATESTASPTTSHRPTTTSHGNVTVHTSSGPTTVT HNPATTTSHGNATISHATVSPTTNGTATSPRSSTVGPHPGPPPPSPSPRSKGA LGNYTWANGSQPCVQLQAQIQIRILYPIQGGRKAWGISVLNPNKTKVQGGCDG THPHLSLSFPYGQLTFGFKQDLHQSPSTVYLDYMAVEYNVSFPQAAQWTFMA QNSSLRELQAPLGQSFCCGNASIVLSPAVHLDLLSLRLQAAQLPDKGHFGPCF SCNRDQS
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	Cd68
<b>Expression Region</b>	21-291aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	44.8kDa
<b>Protein Length</b>	Extracellular Domain
<b>Image</b>	



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

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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