

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	Yeast
ProteinLength	21-291 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	30.8 kDa
AA Sequence	DCPHKKAVTLLPSFTMTPTATESTASPTTSHRPTTTSHGNVTVHTSSGPTTVTHNPA TTTSHGNATISHATVSPTTNGTATSPRSSTVGPHPGPPPPSPSPRSK GALGNYTWA NGSQPCVQLQAQIQIRILYPIQGGRKAWGISVLNPNKTKVQGGCDGTHPHLSLSFPY GQLTFGFKQDLHQSPSTVYLDYMAVEYNVSFPQAAQWTFMAQNSSLRELQAPLGQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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.

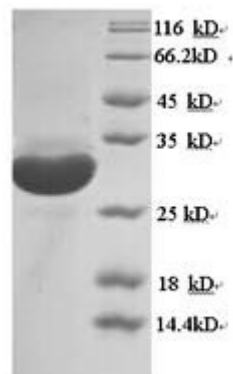
GENE INFORMATION

Gene Name	Cd68 CD68 antigen [<i>Mus musculus</i>]
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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