

## Recombinant mouse Macrosialin

Catalog No: #AP72488



Package Size: #AP72488-1 20ug #AP72488-2 100ug #AP72488-3 1mg

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## Description

Product Name	Recombinant mouse Macrosialin
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-291aaSequence Info:Extracellular Domain
Other Names	CD68
Accession No.	P31996
Uniprot	P31996
GeneID	12514;
Calculated MW	30.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DCPHKKAVTLLPSFTMTPTATESTASPTTSHRPSTTSHGNVTVHTSSGPTTVTHNPATTTSHGNATISHATVSP TTNGTATSPRSSTVGPHPGPPPPSPSPRSKALGNYTWANGSQPCVQLQAQIQIRILYPIQGGRKAWGISVLN PNKTKVQGGCDGTHPHLSLSPYQGLTFGFKQDLHQSPSTVYLDYMAVEYNVSFPQAAQWTFMAQNSSLRE LQAPLGQSFCGNGASIVLSPAVHLDLLSLRLQAAQLPDKGHFGPCFSCNRDQS
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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.

## References

Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. , Teague B., Potamouisis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Others

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Note: This product is for in vitro research use only