

Recombinant Mouse Macrosialin(Cd68),partial

Catalog No: #AP70141

Package Size: #AP70141-1 20ug #AP70141-2 100ug #AP70141-3 1mg

Description

Product Name	Recombinant Mouse Macrosialin(Cd68),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-291aaSequence Info:Extracellular Domain
Other Names	CD68
Accession No.	P31996
Calculated MW	44.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	DCPHKKAVTLLPSFTMTPTATESTASPTTSHRPTTSHGNVTVHTSSGPTTVTHNPATTSHGNATISHATVSP TTNGTATSPRSSTVGPHPGPPPPSPSPRSKGALGNYTWANGSQPCVQLQAQIQIRILYPIQGGRKAWGISVLN PNKTKVQGGCDGTHPHLSLSFPYQQLTFGFKQDLHQSPSTVYLDYMAVEYNVSFPQAAQWTFMAQNSSLRE LQAPLGQSFCGNASIVLSPAVHLDLLSLRLQAAQLPDKGHFGPCFSCNRDQS
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

Influence of caloric restriction on motor behavior, longevity, and brain lipid composition in Sandhoff disease mice.Denny C.A., Kasperzyk J.L., Gorham K.N., Bronson R.T., Seyfried T.N.J. Neurosci. Res. 83:1028-1038(2006)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.