

# Recombinant Homo sapiens Macrophage mannose receptor 1

Catalog No: #AP72681

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Package Size: #AP72681-1 20ug #AP72681-2 100ug #AP72681-3 1mg

## Description

Product Name	Recombinant Homo sapiens Macrophage mannose receptor 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:655-1213aaSequence Info:Partial
Other Names	C-type lectin domain family 13 member DC-type lectin domain family 13 member D-like;Macrophage mannose receptor 1-like protein 1; CD206
Accession No.	P22897
Uniprot	P22897
GeneID	4360;
Calculated MW	66.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RTSLCFKLYAKGKHEKKTWFESRDFCRALGGDLASINNKEEQQTWRLITASGSYHKLFWLGLTYGSPSEGFT WSDGSPVSYENWAYGEPNNYQNVEYCGELKGDPTMSWINDINCEHLNNWICQIQKGQTPKPEPTPAPQDNP PVTEDGWVIYKDYQYYFSKEKETMDNARAFCKRNFGLVSIQSESEKFLWKYVNRNDAQSAYFIGLLISLDK KFAWMDGSKVDYVSWATGEPNFANEDENCVTMYSNSGFWDINCGYPNAFICQRHNSSINATTVMPTMPSV PSGCKEGWNFYSNKCFKIFGFMEERKNWQEARACIGFGGNLVSQNEKEQAFLTYHMKDSTFSAWTGLN DVNSEHTFLWTDGRGVHYTNWGKGYPGRRSSLSYEDADCVVIIIGASNEAGKWMDDTCDSKRGYICQTR SDPSLTNPPATIQTDFVKYKSSYSMLRQKFQWHEAETYCKLHNSLIASILDYPYNAFAWLQMETSNERVWI ALNSNLTDNQYTWTDKWRVRYTNWAADEPKLSACVYLDLDGYWKTAHCNESFYFLCK
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

Mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. Acts as phagocytic receptor for bacteria, fungi and other pathogens.

## References

Primary structure of the mannose receptor contains multiple motifs resembling carbohydrate-recognition domains.Taylor M.E., Conary J.T., Lennartz M.R., Stahl P.D., Drickamer K.J. Biol. Chem. 265:12156-12162(1990)Research Topic:Immunology

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Note: This product is for in vitro research use only