

## Recombinant human Asialoglycoprotein receptor 1

Catalog No: #AP72353



Package Size: #AP72353-1 10ug #AP72353-2 200ug

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## Description

Product Name	Recombinant human Asialoglycoprotein receptor 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:68-291aaSequence Info:Extracellular Domain
Other Names	C-type lectin domain family 4 member H1Hepatic lectin H1 ;HL-1
Accession No.	P07306
Uniprot	P07306
GeneID	432;
Calculated MW	29.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EELRGLRETFSNFTASTEAVKGLSTQGGNVGRKMKLSLESQLEKQKDLSEDHSSLLLHVKQFVSDLRSLSC QMAALQGNGSERTCCPVNWVEHERSCYWFSRSGKAWADADNYCRLEDAHLVVVTSWEEQKFVQHHIGPV NTWMGLHDQNGPWKWDGTDYETGFKNWRPEQPDDWYGHGLGGGEDCAHFTDDGRWNDDVCQRPYR WVCETELDKASQEPPLL
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 plasma glycoproteins to which the terminal sialic acid residue on their complex carbohydrate moieties has been removed. The receptor recognizes terminal galactose and N-acetylgalactosamine units. After ligand binding to the receptor, the resulting complex is internalized and transported to a sorting organelle, where receptor and ligand are disassociated. The receptor then returns to the cell membrane surface.

## References

Glycoproteomics analysis of human liver tissue by combination of multiple enzyme digestion and hydrazide chemistry.Chen R., Jiang X., Sun D., Han G., Wang F., Ye M., Wang L., Zou H.J. Proteome Res. 8:651-661(2009)Research Topic:Signal Transduction

Note: This product is for in vitro research use only