

Asialoglycoprotein receptor 1 Recombinant Protein | Asgr1 recombinant protein

Recombinant Mouse Asialoglycoprotein receptor 1

CATALOG # AAA113597	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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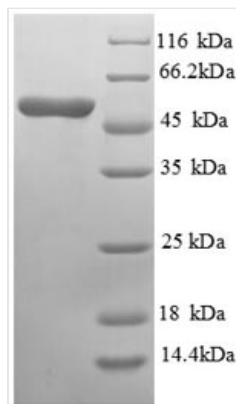
PRODUCT SYNONYMS

Asialoglycoprotein receptor 1; Recombinant Mouse Asialoglycoprotein receptor 1; Hepatic lectin 1; HL-1; mHL-1; Asgr1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	61-284aa; Extracellular Domain
Sequence	QNSQLREDLL ALRQNFSNLT VSTEDQVKAL STQGSSVGRK MKLVESKLEK QQKDLTEDHS SLLLHVKQLV SDVRSLSQCM AAFRGNNGSER TCCPINWVEY EGSCYWFSSS VRPWTEADKY CQLENAHLVV VTSRDEQNFL QRHMGPLNTW IGLTDQNGPW KWVDGTDYET GFQNRWPEQP DNWYGHGLGG GEDCAHFTTD GRWNDDVCRR PYRWVCETKL DKAN
Sequence Length	284
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Asgr1 recombinant protein	Mediates the endocytosis of plasma glycoproteins to which the terminal sialic acid residue on their complex carbohydrate moieties has been roved. 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.
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References	Determination of mouse major asialoglycoprotein receptor cDNA sequence.Takezawa R., Shinzawa K., Watanabe Y., Akaike T.Biochim. Biophys. Acta 1172:220-222(1993) The major form of the murine asialoglycoprotein receptor cDNA sequence and expression in liver, testis and epididymis.Monroe R.S., Huber B.E.Gene 148:237-244(1994) Organization of the mouse ASGR1 gene encoding the major subunit of the hepatic asialoglycoprotein receptor.Soukharev S., Berlin W., Hanover J.A., Bethke B., Sauer B.Gene 241:233-240(2000) 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) Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	11889
UniProt Accession #	P34927; Q64363; Q91Y84
Molecular Weight	27.8 kDa
NCBI Official Synonym Full Names	asialoglycoprotein receptor 1
NCBI Official Symbol	Asgr1
NCBI Official Synonym Symbols	Asgr; HL-1; ASGPR1; Asgr-1
NCBI Protein Information	asialoglycoprotein receptor 1
UniProt Protein Name	Asialoglycoprotein receptor 1
UniProt Gene Name	Asgr1
UniProt Synonym Gene Names	Asgr-1; ASGP-R 1; ASGPR 1; HL-1; mHL-1
UniProt Entry Name	ASGR1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.