



Human ASGR1 peptide (DAG-P0189)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
Specificity	Expressed exclusively in hepatic parenchymal cells.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 C-type lectin domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ASGR1 asialoglycoprotein receptor 1 [Homo sapiens (human)]
Official Symbol	ASGR1

Synonyms	ASGR1; asialoglycoprotein receptor 1; HL-1; ASGPR; ASGPR1; CLEC4H1; hepatic lectin H1; C-type lectin domain family 4 member H1;
Entrez Gene ID	432
mRNA Refseq	NM_001197216.2
Protein Refseq	NP_001184145.1
UniProt ID	P07306
Chromosome Location	17p13.2
Pathway	Thyroid hormone synthesis, organism-specific biosystem; Thyroid hormone synthesis, conserved biosystem;
Function	asialoglycoprotein receptor activity; carbohydrate binding; metal ion binding; protein binding; protein homodimerization activity;