

Product datasheet for RC218606L4V

OriGene Technologies, Inc.

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Asialoglycoprotein Receptor 2 (ASGR2) (NM_080912) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Asialoglycoprotein Receptor 2 (ASGR2) (NM_080912) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Asialoglycoprotein Receptor 2

Synonyms: ASGP-R2; ASGPR2; CLEC4H2; HBXBP; HL-2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_080912

ORF Size: 933 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC218606).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: <u>NM 080912.1</u>

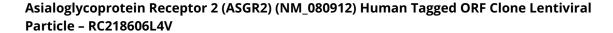
RefSeq Size: 1544 bp
RefSeq ORF: 936 bp
Locus ID: 433

 UniProt ID:
 P07307

 Cytogenetics:
 17p13.1

Protein Families: Druggable Genome, Transmembrane







MW: 35.2 kDa

Gene Summary: 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 less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]