

Product datasheet for **MC226606**

Asgr1 (NM_001291132) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asgr1 (NM_001291132) Mouse Untagged Clone
Tag: Tag Free
Symbol: Asgr1
Synonyms: ASGPR1; Asgr; Asgr-1; HL-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226606 representing NM_001291132
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACAAAGGATTATCAAGATTTCCAGCACCTGGACAATGATAATGACCATCATCAACTCCGGAGAGGGC
CGCTCCCACTCCACGGCTCTTGACGCGACTCTGCTCTGGATCCCGCCTCCTCTGCTCTCCTCGAGCCT
CAGCATTCTGTTGCTGGTGGTTGTCTGTGTGATCACATCCAAAATTCCCAACTCCGGGAAGATCTGCTG
GCTCTAAGGCAGAATTCAGCAACCTCACTGTGAGCACTGAGGACCAGGTCAAGGCCCTGAGCACCCAGG
GAAGTAGTGTGGGAAGAAAGATGAAGTTAGTGGAGTCGAAGCTGGAAAAACAGCAGAAGGATCTGACTGA
AGGCTCTGAAAGGACCTGCTGCCCATCAACTGGGTGGAGTATGAAGGCAGCTGCTACTGGTTCTCCAGC
TCTGTGAGGCCTTGACTGAAGCTGACAAGTACTGCCAGCTGGAAAAATGCCCATCTGGTGGTGGTGACCT
CCAGGGATGAGCAGAATTCTCCAGCGCCACATGGGCCCTTAAACACTTGGATTGGCCTAACTGACCA
GAACGGGCCCTGGAAATGGGTGGATGGAACAGACTACGAGACAGGCTTCCAGAATTGGAGACCAGAGCAG
CCAGATAACTGGTACGGACATGGGCTTGGAGGAGGCGAGGACTGTGCCCACTTACGACGGATGGCCGCT
GGAATGACGACGTCTGCAGGAGGCCCTACCGCTGGGTCTGTGAGACAAAGTTGGATAAGGCTAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001291132
Insert Size: 768 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001291132.1</u> , <u>NP_001278061.1</u>
RefSeq Size:	1173 bp
RefSeq ORF:	768 bp
Locus ID:	11889
UniProt ID:	<u>P34927</u>
Cytogenetics:	11 42.98 cM
Gene Summary:	<p>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.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an exon in the central coding region, compared to variant 1. The encoded isoform (b) is shorter, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>