

Product datasheet for **SC208489**

NAGPA (NM_016256) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAGPA (NM_016256) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NAGPA
Synonyms:	APAA; UCE
ACCN:	NM_016256
Insert Size:	664 bp
Insert Sequence:	>SC208489 3'UTR clone of NM_016256

The sequence shown below is from the reference sequence of NM_016256. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGGCGCCCAACAACCCCTTCAAGGACTGAGCCTCAAGCTGCCCGGGTGGCACGTCGCGAAAGCTTG
TTTCCCCACGGTCTGGCTTCTGCAGGGGAAATTTCAAGGCCACTGGCGTGGACCATCTGGGTGTCCTCA
GCCCTGTGGGGCAGCCAAGTTCCTGATAGCACTTGTGCCTCAGCCCTCACCTGGCCACCTGCCAGGG
CACCTGCAACCCTAGCAATACCATGCTCGCTGGAGAGGCTCAGCTGCCTGCTTCTGGCCTGCCTGTGTC
TGCTGCCGAGAAGCCCGTCCCGGGGAGGGTCCCGCACTGCCAAAGAGTCTCCCTCCTCTGGGGAA
GGGGCTGCCAACGAACCAGACTCAGTGACCACGTCATGACAGAACAGCACATCCTGGCCAGCACCCCTG
GCTGGAGTGGGTTAAAGGGACGAGTCTGCCTTCTGGCTGTGACACGGGACCCCTTTTCTACAGACCTC
ATCACTGGATTTGCCAACTAGAATTCGATTTCTGTGCATAGGAAGCTCCTGGAAGAAGGGATGGGGGG
ATGAGATCATGTTTACAGACCTGTTTGTGCATCCTGCTGCCAAGAAGTTTTTAATCACTTGAATAAAT
TGATATAATAAAAGGAGCCACCAGGTGGTGTGGATTCTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online >](#)

RefSeq: [NM_016256.4](#)

Summary: Hydrolases are transported to lysosomes after binding to mannose 6-phosphate receptors in the trans-Golgi network. This gene encodes the enzyme that catalyzes the second step in the formation of the mannose 6-phosphate recognition marker on lysosomal hydrolases. Commonly known as 'uncovering enzyme' or UCE, this enzyme removes N-acetyl-D-glucosamine (GlcNAc) residues from GlcNAc-alpha-P-mannose moieties and thereby produces the recognition marker. The encoded preproprotein is proteolytically processed by furin to generate the mature enzyme, a homotetramer of two disulfide-linked homodimers. Mutations in this gene are associated with developmental stuttering in human patients. [provided by RefSeq, Oct 2015]

Locus ID: 51172

MW: 23.6