

Product datasheet for **SC202669**

NAGLU (NM_000263) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAGLU (NM_000263) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NAGLU
Synonyms:	CMT2V; MPS-III B; MPS3B; NAG; UFHSD
ACCN:	NM_000263
Insert Size:	241 bp
Insert Sequence:	>SC202669 3'UTR clone of NM_000263 The sequence shown below is from the reference sequence of NM_000263. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TACCCCGCTGGGTGGCCGGCTCTTGGTAGATTCCGCCACCACTGGGCCTGTTTTCCGCTAATTCC AGGGCAGATTCAGGGCCAGAGCTGGACAGACATCACAGGATAACCCAGGCCTGGGAGGAGGCCCCAC GGCCTGCTGGTGGGTCTGACCTGGGGGATTGGAGGAAATGACCTGCCCTCCACCACCACCCAAAGT GTGGGATTAAGTACTGTTTTCTTCCACTTAAA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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.
RefSeq:	<u>NM_000263.4</u>



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Summary: This gene encodes an enzyme that degrades heparan sulfate by hydrolysis of terminal N-acetyl-D-glucosamine residues in N-acetyl-alpha-D-glucosaminides. Defects in this gene are the cause of mucopolysaccharidosis type IIIB (MPS-IIIB), also known as Sanfilippo syndrome B. This disease is characterized by the lysosomal accumulation and urinary excretion of heparan sulfate. [provided by RefSeq, Jul 2008]

Locus ID: 4669

MW: 8.7