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Product datasheet for RC208600L3V

NAGLU (NM_000263) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NAGLU (NM_000263) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NAGLU
Synonyms:	CMT2V; MPS-IIIB; MPS3B; NAG; UFHSD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000263
ORF Size:	2229 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC208600).`
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:	NM_000263.3
RefSeq Size:	2798 bp
RefSeq ORF:	2232 bp
Locus ID:	4669
UniProt ID:	P54802
Cytogenetics:	17q21.2
Domains:	NAGLU
Protein Families:	Druggable Genome

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Protein Pathways: Glycosaminoglycan degradation, Lysosome, Metabolic pathways

MW: 82.27 kDa

Gene 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]