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Product datasheet for RC200707L3V

NAGA (NM_000262) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NAGA (NM_000262) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NAGA
Synonyms:	D22S674; GALB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000262
ORF Size:	1233 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200707).
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_000262.1
RefSeq Size:	3726 bp
RefSeq ORF:	1236 bp
Locus ID:	4668
UniProt ID:	P17050
Cytogenetics:	22q13.2
Domains:	Melibiase
Protein Families:	Druggable Genome

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Protein Pathways:	Glycosphingolipid biosynthesis - globo series, Lysosome
MW:	46.6 kDa
Gene Summary:	NAGA encodes the lysosomal enzyme alpha-N-acetylgalactosaminidase, which cleaves alpha-N-acetylgalactosaminyl moieties from glycoconjugates. Mutations in NAGA have been identified as the cause of Schindler disease types I and II (type II also known as Kanzaki disease). [provided by RefSeq, Jul 2008]