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Product datasheet for SC202620

NTE (PNPLA6) (NM_006702) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NTE (PNPLA6) (NM_006702) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PNPLA6
Synonyms:	BNHS; iPLA2delta; LNMS; NTE; NTEMND; OMCS; SPG39; sws
ACCN:	NM_006702
Insert Size:	232 bp
Insert Sequence:	>SC202620 3'UTR clone of NM_006702 The sequence shown below is from the reference sequence of NM_006702. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAGCCGCCCGGCTCAGCCACAGATGCCTGAGGACCTCGACAGGGGTCACCCCCTCCCTCCCACCCCTGG ACTGGGCTGGGGGTGGCCCCGTGGGGGTAGCTCACTCCCCCTCCTGCTGCTATGCCTGTGACCCCCGCG GCCCACACACTGGACTGACCTGCCCTGAGCGGGGATGCAGTGTTGCACTGATGACTTGACCAGCCCCTC CCCCAATAAACTCGCCTCTTGGAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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:	NM_006702.5

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Summary: This gene encodes a phospholipase that deacetylates intracellular phosphatidylcholine to produce glycerophosphocholine. It is thought to function in neurite outgrowth and process elongation during neuronal differentiation. The protein is anchored to the cytoplasmic face of the endoplasmic reticulum in both neurons and non-neuronal cells. Mutations in this gene result in autosomal recessive spastic paraplegia, and the protein is the target for neurodegeneration induced by organophosphorus compounds and chemical warfare agents. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Locus ID: 10908

MW: 7.9