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Product datasheet for SC204517

Neurofascin (NFASC) (NM_001160333) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Neurofascin (NFASC) (NM_001160333) Human 3' UTR Clone
Symbol:	Neurofascin
Synonyms:	NEDCPMD; NF; NRCAML
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001160333
Insert Size:	352 bp
Insert Sequence:	>SC204517 3'UTR clone of NM_001160333 The sequence shown below is from the reference sequence of NM_001160333. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGTAACTGCCCATGCTCACCCTGGCACTGACCAGCCCCACCCCCTCCCCAGCAGCCAGAGAAGCAGTGG CCCGGGGCAGTTCCGAGGGCAGTGCCTGCAGTCAAGTGGCCGGGTCAGGCGTGGTGATCTCTTCTTGCC TCGTGATGTCAGGGTTAGGGAGCTGCCAGTTTCAGAACAAGCTGTGCTGGACAGGTTACCTCCTGAGTG GAGTCATTAACTTCCCCACGTCTCAACTGAAAGGGGCCTGAGTGATATAGAGAAAGTGGAGAGGGGTTT CTCGTTGTGATCATTTTACCTTTCTTACAGCTAACTCCACCACTAAGTCAATTAAAACAATCCATCCTT AAAGCAA 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.

View online »

RefSeq:	NM_001160333.2
Summary:	This gene encodes an L1 family immunoglobulin cell adhesion molecule with multiple IGcam and fibronectin domains. The protein functions in neurite outgrowth, neurite fasciculation, and organization of the axon initial segment (AIS) and nodes of Ranvier on axons during early development. Both the AIS and nodes of Ranvier contain high densities of voltage-gated Na+ (Nav) channels which are clustered by interactions with cytoskeletal and scaffolding proteins including this protein, gliomedin, ankyrin 3 (ankyrin-G), and betaIV spectrin. This protein links the AIS extracellular matrix to the intracellular cytoskeleton. This gene undergoes extensive alternative splicing, and the full-length nature of some variants has not been determined. [provided by RefSeq, May 2009]
Locus ID:	23114
MW:	12.6