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Product datasheet for RC214284L3V

NF2 (NM_181829) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NF2 (NM_181829) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NF2
Synonyms:	ACN; BANF; merlin-1; SCH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_181829
ORF Size:	1647 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC214284).`
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_181829.1
RefSeq Size:	5943 bp
RefSeq ORF:	1650 bp
Locus ID:	4771
UniProt ID:	P35240
Cytogenetics:	22q12.2
Protein Families:	Druggable Genome
MW:	64 kDa

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Gene Summary: This gene encodes a protein that is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. This gene product has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport. This gene is expressed at high levels during embryonic development; in adults, significant expression is found in Schwann cells, meningeal cells, lens and nerve. Mutations in this gene are associated with neurofibromatosis type II which is characterized by nervous system and skin tumors and ocular abnormalities. Two predominant isoforms and a number of minor isoforms are produced by alternatively spliced transcripts. [provided by RefSeq, Jul 2008]