

Product datasheet for SC311471

Pejvakin (DFNB59) (NM_001042702) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pejvakin (DFNB59) (NM_001042702) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pejvakin
Synonyms:	DFNB59
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001042702, the custom clone sequence may differ by one or more nucleotides

ATGTTTGCTGCTGCTACCAAGAGCTTTGTCAAGCAAGTTGGAGATGGAGGGAGATTAGTTCCTGTTCCAA
 GCCTCAGTGAAGCTGACAAATATCAACCTCTAAGTCTGGTGGTAAAAAGAAGCGATGCTTTCTGTTTCC
 TAGATATAAAATTTACTTCAACACCTTTTACACTGAAAGATATTCTCCTAGGAGACAGAGAAATTTACAGT
 GGTATTTTCATCTTATCAATTACTGAATTATGAAGATGAATCAGATGTTTCACTCTATGGAAGGCGAGGTA
 ACCATATTGTAATGACGTTGGGATTAACGTTGCTGGATCAGATTCATTGCAGTGAAAGCTTCATTTGG
 TATAGTAACCAACATGAAGTGAAGTATCAACATTACTCAAAGAAATTACTACACGAAAAATTAACCTT
 GACCACAGCTTGATACGTCAGTCAAGGAGCAGCAGAAAGGCAGTATTGTGTGTGGTCATGGAGAGCATCC
 GAACCACACGACAGTGTCTACTGTCTGTGCATGCTGGAATTCGAGGGGAAGCAATGCGGTTTCACTTTAT
 GGATGAACAGAATCCCAAGGGAAGGGACAAAGCTATTGTTTTCCAGCACATACAACCATAGCTTTTCAGT
 GTTTTTGAACTCTTCATATACCTGGATGGTGCCTTTGACCTTTGTGTCACTTCAGTGTCAAAGGAGGAT
 TTGAAAGGGAAGAAACGGCAACATTTGCACTGCTGTACAGGTTGAGAAATATCCTATTTGAAAGAAATAG
 AAGAGTGATGGATGTCATTTCTCGTTCACAGCTTTACTTGGATGATCTTTTTTCTGACTACTATGACAAA
 CCTCTCAGCATGACTGATATTTCACTCAAAGAAGGGACCCATATCCGAGTTAACTTACTTAATCACAA
 TTCCCAAAGGGCCTTGCACTACTGTGGAATGGGGAACCTCAAAGGGAGACAGTTTATGGGTGCTTTCA
 GTGTTCTGTTGATGGTCAGAAGTATGTGAGACTTCATGCAGTTTCTTGTGTTTATTTGGCACAAGAGG
 ATGAAATAA

Restriction Sites:	Please inquire
ACCN:	NM_001042702
Insert Size:	1200 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001042702.1.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001042702.1</u> , <u>NP_001036167.1</u>
RefSeq Size:	1415 bp
RefSeq ORF:	1059 bp
Locus ID:	494513
UniProt ID:	<u>Q0ZLH3</u>
Cytogenetics:	2q31.2
Gene Summary:	The protein encoded by this gene is a member of the gasdermin family, a family which is found only in vertebrates. The encoded protein is required for the proper function of auditory pathway neurons. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal recessive type 59 (DFNB59). [provided by RefSeq, Dec 2008]