

Product datasheet for **SC126013**

Ninjurin2 (NINJ2) (BC057766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ninjurin2 (NINJ2) (BC057766) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ninjurin2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC057766 edited AGTCTGTTCCCGCACCCGGTGGTGTGAAGGGACTTGAGGGCAGCGAGATGGAATCAGC AAGAGAAAACATCGACCTTCAACCTGGAAGCTCCGACCCAGGAGCCAGCCATCAACCT GAACCATTACGCCACCAAGAAGAGCGTGGCGGAGAGCATGCTGGACGTGGCCCTGTTTCAT GTCCAACGCCATGCGGCTGAAGGCGGTGCTGGAGCAGGGACCATCCTCTCACTACTACAC CACCCTGGTCACCTCATCAGCCTCTCTGCTCCTGCAGGTGGTCATCGGTGTCCTGCT CGTGGTCATTGCACGGCTGAACCTGAATGAGGTAGAAAAGCAGTGGCGACTCAACCAGCT CAACAACGCAGCCACCATCTTGGTCTTCTTCACTGTGGTCATCAATGTTTTATTACAGC CTTCGGGGCACATAAAACAGGGTTCTGGCTGCAAGGGCCTCAAGGAATCCTCTCTGAAT GCAGCCTGGGACCCAGGTTCTGGGCTGGAACCTCTGCCTCCTCCTCCGTGATCGCCA GGCTCGTGGGCACTTTCCACAGCCAGGAGAGCTTCTGAAAGGACAGTATAGCTGCCCTT GCTCCCTACCCACAGCACCTGAGTTAAAAAGTGATTTTTATGTTATTGGTCTAAGGGACT TCCATCTTGGTCTGAAGTCTGAGCTCAGACTCAGGTAAGTCCAGCCATACCTTCTGGT AGCATCTGCTGGACCTAAGTAAGGCATGTCTGTCTAAGGCCAAGTCTGCCCGGCTTAAGG ATGCTGGTTCTGACTCTACCCACTGCTTCTTCTGCTCCAGGCCTCAATTTTCCCTTCT TGTAATAAGGAATCTATATCTATAAAGGTTTCTCAAATCCAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	BC057766
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).
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).



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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: [BC057766.1](#), [AAH57766.2](#)

RefSeq Size: 897 bp

Locus ID: 4815

Cytogenetics: 12p13.33

Protein Families: Transmembrane

Gene Summary: The protein encoded by this gene belongs to the ninjurin (for nerve injury induced) family. It is a cell surface adhesion protein that is upregulated in Schwann cells surrounding the distal segment of injured nerve, and promotes neurite outgrowth, thus may have a role in nerve regeneration after nerve injury. [provided by RefSeq, Oct 2011]