

Product datasheet for **SC215119**

NBPF3 (NM_032264) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	NBPF3
Synonyms:	AE2
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_032264
Insert Size:	1544 bp



Insert Sequence:

>SC215119 3'UTR clone of NM_032264

The sequence shown below is from the reference sequence of NM_032264. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TTCCAGATGGGAGTCATATCCACACTAAGCAGCCCTTACTAAGCTGAGAGATGTCATTGCTGCAGGC
AGGACGTATAGGCACATGTAGGTTTGAATGAACTGTAGTTCCCTTTGGAAGCCAGTCATAGGATGGG
AAAGTGGGCATGGCTCTATTCTATTCTCAGACCATGCCAGTGGCCACCTGTGCTCAGTCTGAAGACGT
TGGACCCAAGTTAGGTGTGACACGTTTACACGACTATGTAGCACATGCCGGGAGTGATCTGCCAGACAT
TCTAATTTGAACCAAGATATCTCTGGGTAGCTACAAAGTTCCCTCAGGGGTTTCATTTTGCAGGCATGTCT
CTGAGCTTCTATACCTGCTCAAGGTCAGTGTCTTTGTGTTTAGCTCATCAAAGGTGTTACCTG
TTTCATTGAACCTAACCCATTCTTTGTATCTTCAGTGTGGTTTGTGTTTAGCTGATCCATCTGTAACA
CAGGAGGGATCCTTGGCTGAGGATTGTATTTCAGAACCACTGACTGCTCTTGACAGTTGTTAACCCACT
AGGCTCCTTTGAGTAGAGAAGCCATAGTCCTTCAGCCTCCAATTGATATCAATACTTAGGAAGACCACA
GCTAGACGGACAACAGCATTGGGAGGCCTTAGTCCTGCTCCTTTCAATTCCATCCTGTAAAGAACAGG
AGTCAGGAGCCGCTGGCAAGAGACAGCATGTACCTGGGACTCTGCCAGTGCAGAATATGAACAATGCC
ATGTTCTTGAGAAAATGCTTAGCCTGAGTTTCATAGGAGGTAATCACCAGACAACGCAGAATGTAGA
ACACTGAGCAGGACAACCTGACCTGTCTCCTTCACACAGTCCACGTCAACCAAGATCACACAACAAAAAG
GAGGAGAGATATTTGGTTTCAAGAAGTAAATGATAATGTAGCTACATTTCTTTAGTTATTTTGAAC
CCCAAATATTTCTCATCTTTTGTGTTGTCTTGTATTTTGGTGACATGGACTTGTGTTAGAGGACA
GGTCAGCTGTCTGGCTCAATGGTCTACATTCTGAAGTTGTCTGAAAATGTCTTCATGATTAATTCAGC
CTAAACGTTTCATCAAGAACACTACAGAGTCGATACTGTGAGTTTCCAACCTCAGCCATCTGTGGGCA
GAGAAGGTCTAGTTTGTCCATCAGCATTATCATGATATCAGGACTGGTTACTTGGTTAAGGAGGGGTCT
AGGAGATCTGTCCCTTTTAGAGACACCTTACTTATGATGAAGTATTTGGGAGAGTGGTTTTTCAAAGTA
GAAATGTCCTGTATCCAGTGATCATCCTCTAAACGTTTTATCATTTATTAATCATCCCTGCCTGTGTC
TATTATTATTCATATCTCTACGCTGGAATTTGCTGCCTCAATGTTTACTGTGCCTTTGTTTTGCT
AGTGTGTGTTGTTGAAAAAAAACATTCTCTGCCTGAGTTTAAATTTTGTCCAAAGTTATTTAATCT
ATACAATAAAACTTTTGCCTATCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_032264.6

Summary:

This gene is a member of the neuroblastoma breakpoint family (NBPF) which consists of dozens of recently duplicated genes primarily located in segmental duplications on human chromosome 1. This gene family has experienced its greatest expansion within the human lineage and has expanded, to a lesser extent, among primates in general. Members of this gene family are characterized by tandemly repeated copies of DUF1220 protein domains. DUF1220 copy number variations in human chromosomal region 1q21.1, where most DUF1220 domains are located, have been implicated in a number of developmental and neurogenetic diseases such as microcephaly, macrocephaly, autism, schizophrenia, cognitive disability, congenital heart disease, neuroblastoma, and congenital kidney and urinary tract anomalies. Altered expression of some gene family members is associated with several types of cancer. This gene family contains numerous pseudogenes. [provided by RefSeq, Feb 2013]

Locus ID:

84224

MW:

58.9