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Product datasheet for SC215712

NBPF15 (NM_173638) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NBPF15 (NM_173638) Human 3' UTR Clone
Symbol:	NBPF15
Synonyms:	AB14; AG3; NBPF16
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173638
Insert Size:	1653 bp

View online »

Insert Sequence:

>SC215712 3'UTR clone of NM_173638
The sequence shown below is from the reference sequence of NM_173638. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCCAGATGGGAGTCATATTCCCACAATAAGCAGCTCTTACTAAGCCGAGAGATGTCATTCCTGCAGGC
AGGACCTATAGGCACGAGAAGATTTGAATGAAAGTACAGTTCCATTTGGAAGCCCAGACATAGGATGGG
TCAGTGAGCATGGCTCTATTCCTATTCTCAAACCATGCCATTGGCAACCTGTGCTCAATCTGAAGACAA
TGGACCCATGTTAGGTGTGACACGTTCACATAACTGTGCAGAACATGCCGGGAGTGATCAGTCAGACAT
TTTAATTTGAACCACGTATCTCTGGGTAGCTACAAAATTCCTCAGGGATTTCATTTTGCAGGCATGTCT
CTGAGCTTCTATACCTGCTCAAGGTCATTGTCATCTTTGTGTTTAGCTCATCCAAAGGTGTTACCCTGG
TTTCAATGAACCTAACCTCATTCTTTGTGTCTTCAGTGTTGGCTTGTTTTAGCTGATCCATCTGTAACA
CAGGAGGGATCCTTGGCTGAGGATTGTATTTCAGAACCACCAACTGCTCTTGACAATTGTTAACCCGCT
AGGCTCCTTTGGTTAGAGAAGCCACAGTCCTTCAGCCTCCAATTGGTGTCAGTACTTAGGAAGACCACA
GCTAGATGGACAAACAGCATTGGGAGGCCTTAGCCCTGCTCCTCTCAATTCCATCCTGTAGAGAACAGG
AGTCAGGAGCCGCTGGCAGGAGACAGCATGTCACCCAGGACTCTGCCGGTGCAGAATATGAACAATGCC
ATGTTCTTGCAGAAAACACTTAGCCTGAGTTTCATAGGAGGTAATCACCAGACAACTGCAGAATGTAGA
ACACTGAGCAGGACAACTGACCTGTCTCCTTCACATAGTCCATATCACCACAAATCACACAACAAAAAG
GAGAAGAGATATTTTGGGTTCAAAAAAAGTAAAAAGATAATGTAGCTGCATTTCTTTAGTTATTTTGAA
CCCCAAATATTTCCTCATCTTTTTGTTGTTGTCATGGATGGTGGTGACATGGACTTGTTTATAGAGGAC
AGGTCAGCTGTCTGGCTCAATGATCTACATTCTGAAGTTGTCTGAAAATGTCTTCATGATTAAATTCAG
CCTAAACATTTTGCCGGGAACACTGCAGAGACAATGCTGTGAGTTTCCAACCTCAGCCCATCTGCGGGC
AGAGAAGGTCTAGTTTGTCCATCACCATTATGATATCAGGACTGGTTACTTGGTTAAGGAGGGGTCTAG
GAGATCTGTCCCTTTTAGAGACACCTTACTTATAATGAAGTACTTGGGAAAGCGGTTTTCAAGAGTATA
AATATCCTGTATTCTAATGATCATCCTCTAAACATTTTATCATTTATTAATCCTCCCTGCCTGTGTCTA
TTATTATATTCATATCTCTACACTGCAAATTTTGGGTCTCAATTTTTACTGTGCCTTTGTTTTTACTAG
TGTCTGCTGTTGCAAAAAGAAGAAAACATTCTCTGCCTGAGTTTTAATTTTTGTCCAAAGTTAATTTTA
ATCTATACAATTAAAACCTTTTGCCTATCACTCTGGACTTCTGGATTGTTTTTTACATTCAGTGTTATA
ATATTTGATTATGCTGATTGGTTTTGGTGGGTACTGATGCGAATTAATAAAAACATTTCATTTCCA
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.

RefSeq: NM_173638.5

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. Gene copy number variations in the 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, May 2013]

Locus ID: 284565

MW: 63