

Product datasheet for RC217011

BPTF (NM_182641) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: BPTF (NM_182641) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: BPTF
Synonyms: FAC1; FALZ; NEDDFL; NURF301
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC217011 representing NM_182641
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGGGCGGGCGGGCAGGCCGCCAAGCAGCCCGGGCTCCCGCTGCGGAGCGCTGCGCCCCGGCC
 CGCCGCCACCGCCGCGCGCCACGTCCGACCCATCGGGGGCTCCGCTCGCGGACCGCGGCAGCAG
 CCGGGGAGGTGGGCCCGCCAGGCTGAGGTGGCGCCAAGACCGGGTGGCTCGCCAGGGGGGG
 AGCAGTAGCCGGAGGAAGCCGCCCGCCCGCCCGGGCCCCAGCACCAGCGCCCGGGCGGGGG
 GCGGAGGAGCGGGGGCGCAGGACGGGGGGCGGGGGCGGGCGGCCACCTGGCCCGACCCCGGGC
 CCGGAGGGCCGTCAACAAAGTGGTGTACGATGACCACGAGAGCGAGGAGGAGGAAAGAGGAGCATG
 GTCTCCGAGGAGGAGGAGGAGGAGGACGGCGACGCCGAGGAGACCCAGGATTCTGAGGACGACGAGGAGG
 ATGAGATGGAAGAGGACGACGATGACTCCGATTATCCGGAGGAGATGGAAGACGACGACGACGCCAG
 TTAATGACGAAAGCAGCTTCAGGAGCCATAGTACCTACAGCAGCACTCCAGGTAGGCGAAAACCAAGA
 GTACATCGGCCTCGTTCTCTATATTGGAAGAAAAAGACATCCCGCCCTTGAATTTCCAAAGTCTCTG
 AGGATTTAATGGTGCCTAATGAGCATATAATGAATGTCATTGCCATTTACGAGGACTGCGGAACCTTGG
 CACTGTTTTGAGATTATCTCTTTTCGCTTTGAGGACTTTGTGACGCTCTGGTGAAGACAGTGC
 AACTCATGGCAGAGATGCATGTTGTGCTTTTGAAGCAGTTCTGCGTGAAGAAGACACTTCCAATACTA
 CCTTTGGACCTGCTGATCTGAAAGATAGCGTTAATCCACACTGTATTTATAGATGGGATGACGTGGCC
 AGAGGTGCTGCGGTGTACTGTGAGAGTGATAAGGAGTACCATCACGTTCTTCTTACCAAGAGGCAGAG
 GACTACCCATATGGACCAGTAGAGAACAAGATCAAAGTTCTACAGTTTCTAGTCGATCAGTTTCTTACAA
 CAAATATTGCTCGAGAGGAATTGATGTCTGAAGGGGTGATACAGTATGATGACCATTGTAGGGTTTGTCA
 CAAACTGGGGATTTGCTTTGCTGTGAGACATGTTCCAGCAGTATACCATTTGGAATGTGTGAAGCCACT
 CTTGAGGAGGTGCCAGAGGACGAGTGGCAGTGTGAAGTCTGTGTAGCACACAAGGTGCTGGTGTGACTG
 ACTGTGTTGCTGAAATCAAAAAATAAACCATATATTCGACATGAACCTATTGGATATGATAGAAGTCCG
 GAGGAAATACTGGTTCTGAACCGAAGACTCATAATAGAAGAAGATACAGAAAATGAAAATGAAAAGAAA



[View online »](#)

ATTTGGTATTACAGCACAAAGGTCCAACCTGCAGAATTAATTGACTGTCTAGACAAAGATTATTGGGAAG
 CAGAACTCTGCAAAATCTAGAAGAAATGCGTGAAGAAATCCACCGACACATGGACATAACTGAAGACCT
 GACCAATAAAGGCTCGGGGAGTAAACAAATCCTTTCTGGCGGCAGCTAATGAAGAAATTTTGGAAATCCATA
 AGAGCCAAAAAGGGAGACATTGATAATGTTAAAAGCCAGAAGAAACAGAAAAAGACAAGAATGAGACTG
 AGAATGACTCTAAAGATGCTGAGAAAAACAGAGAAGAAATTTGAAGACCAGTCCCTTGAAAAAGACAGTGA
 CGACAAAAACCCAGATGATGACCCTGAGCAAGGAAAATCTGAGGTAGGTGATTTCAAATCGGAGAAGTCC
 AACGGGGAGCTAAGTGAATCTCCTGGAGCTGAAAAGGAGCATCTGGCTCAACTCGAATCATCACCAGAT
 TGCAGAAATCCAGATAGCAAACTTAGTCAGCTGAAGAGCCAGCAGGTGGCAGCCGCTGCACATGAAGCAAA
 TAAATTATTTAAGGAGGGCAAAGAGGTAAGTACTGTTAAGTCTCAAGGAGAAATTCACGGTTGAGCACC
 AAAAGGAAGTGCATGAAAGGAAATATCAACAATTAATTTAAATTTGGTCAAGAAGGGGAAGTATCGCG
 TCTACCACAATCAATACTCCACCAATTCATTTGCTTTGAATAAGCACCAGCACAGAGAAGACCATGATAA
 GAGAAGGCATCTGCACATAAGTCTGTCTGACTCCAGCAGGAGAGTTCAAATGGAACGGTTCTGTCCAT
 GGGTCCAAAGTTCTTACCATATCTACTCTGAGACTGACTATCACCAATTAGAAAAACAACATCCCTTCAT
 CCTTTCTTATCCCAACTGGGCATCACATAGGGCAAATTTGGATCAAGGCAGTTCAGATGTGTAGCAAACC
 CAGAGAATTTGCATTGGCTTTAGCCATTTTGGAGTGTGCAGTTAAACCAGTTGTGTATGCTACCAATATGG
 CGAGAATCTTTAGGACATACCAGGTTACACCGGATGACATCAATTGAAAGAGAAGAAAAGGAGAAAGTCA
 AAAAAAAGAGAAGAAACAGGAAGAAGAAGAAACGATGCAGCAAGCGACATGGGTAAAATACACATTTCC
 AGTTAAGCATCAGGTTTGGAAACAAAAAGGTGAAGAGTACAGAGTACAGGATATGGTGGTTGGAGCTGG
 ATTAGTAAAACCTCATGTTTATAGGTTTGTTCCTAAATGCCAGGCAATACTAATGTGAATTACAGAAAGT
 CGTTAGAAGGAACCAAAAATAATATGGATGAAAATATGGATGAGTCAGATAAAAGAAAATGTTCCAGGAAG
 TCCAAAAAATAAAAAAGAGCCTGATTTCTGAAAAGATGAGGTAAAAGGTTTCCAGTGTGCAAAAAGGA
 GCAGACCAAAAATGAAATGGATATCTCAAAGATTACTGAGAAGAAGGACCAAGATGTGAAGGAGCTTTAG
 ATTTCTGACAGTGATAAACCTGCAAGGAAGAACCAATGGAAGTAGACGATGACATGAAAACAGAGTACACA
 TGTAAATTTGTCAGGAGAGTTCTCAAGTAGATGTGGTCAATGTTAGTGGGGTTTTCTACTCAAGGACTAGT
 TACAAAAAGAAAACAAAATCATCCAACTAGATGGACTTCTTGAAGGAGAATTAACAGTTTACTCTGG
 AAGAAAAACAGCGACTCGAAAAATCAAGTTGGAGGGTGAATTAAGGGTATAGGAAAGACTTCTACAAA
 TTCTTCAAAAAATCTCTCTGAATCACCAGTAATAACGAAAGCAAAAAGGGTGTGAGAGTACTCGATG
 AGACAAGAACAGAGCCCAATGCAATAATGATCAACCTGAGGACTTGATTCAGGGATGTTCCAGAAAGTG
 ATTCTCAGTCTTAGAATGAGTATCCTAGTCATACCACAAACAACTTTATCCAAAAGATCGAGTGT
 AGATGATGTCTCCATTCGGAGCCCAGAAACAAAATGTCGAAACAAAATTCATTGAAAATGACATAGAA
 GAAAAAGTCTCTGACCTGCCAGTAGAGGCCAGGAACCCAGTAAGAGTAAAACAAAAGGAAATGATTTTT
 TCATCGATGACTCTAACTAGCCAGTGCAGATGATATTGGTACTTTGATCTGTAAGAACAAAAACCCT
 CATAACAGGAGGAAAGTGACACCATTGTTTCTTCTTCAAGAGTGTCTTACATTATCAGTGCCTAAAAGT
 ACCAATGACAGAGATGCCACACCTCTGTCAAGAGCAATGGACTTTGAAGGAAAACCTGGGATGTGACTCTG
 AATCTAATAGCACTTTGGAAAATAGTCTGTATACCGTGTCTATTCAGGATAGCAGTGAAGAAGATATGAT
 TGTTCCAGAAATAGCAATGAAAGCATTCTGAAACAGTTTCAAGTTCGAGAACTCGAGAACAAGATGTTGAAGTCTTGGAG
 CCGTTAAAGTGTGAGTTGGTTTCTGGTGTGAGTCCACTGAAACTGTGAGGACAGGCTGCCGGTCAAGGGGA
 CTGAAGCAAAATGGTAAAAACCAAGTCAAGCAGAAGAAATAGAGGAGAGACCAGTTAATAAATGTAGTGA
 TCAAAATAAAGCTAAAAAATACCCTGACAAAAAGAATAATGAAAATCGAGAGTCTGAAAAGAAAGGACAG
 AGAACCAAGTACATTTCAATAAATGAAAAGATAATAAACCCAAAATATATTTGAAAGGTGAATGCTTGA
 AAGAAATTTCTGAGAGTAGAGTAGTAAGTGGTAATGTTGAACCAAAAGGTTAATAATATAAATAAATAAAT
 CCCTGAGAATGATATTAATCATTGACTGTTAAAGAATCTGCTATAAGGCCATTCAATTAATGGTGTATGTC
 ATCATGGAAGATTTTAAATGAAAGAAACAGCTCCGAAACAAAATCGCATTGCTGAGTTCTTCAGATGCTG
 AAGGTAACACCGAGATAGCCTTGAACCTGCCATCAACCAAGAGTCTGACAGTACACAGACGACCAC
 ACCCTCAGCATCTGTCCAGAAAGCAATTCAGTTAATCAGGTAGAAGATATGGAATAGAAACCTCAGAA
 GTTAAGAAAGTACTTTCATCACCTATTACTTCTGAAGAGGAATCTAATCTCAGTAATGACTTTATTGATG
 AAAATGGTCTGCCATCAACAAAATGAAAATGTCAATGGAGAATCTAAAAGAAAACCGTCATCACAGA
 AGTCACCACGATGACCTCCACAGTGGCCACAGAATCAAAAACCTGTGATCAAGGTAGAAAAAGGCGATAAG
 CAAACTGTGGTTTCTTCCACAGAAAATTTGCAAAAATCCACTGTCAACACCACCTACAACAGTGACCA
 AGCTTTCCACACCCTCCACAGGCGGAGTGTGGACATCATCTGTAAAGGAGCAGAGCAAAAACCGTGGT
 CACCACGACAGTACAGACTCCCTGACCACCACGGGAGGCACACTGGTTACATCTATGACTGTGAGCAAA
 GAGTATTCACACGAGACAAAGTGAACCTGATGAAATTTCAAGACCAAGAAGACTCGTTCAGGTACAG

CTCTGCCATCCTATAGAAAATTTGTTACCAAGAGCAGCAAGAAGAGCATTTTTGTTTTGCCTAATGATGA
 CTTAAAAAAGTTGGCCCGAAAAGGAGGAATCCGAGAGGTCCCTTATTTTAATTACAATGCAAAACCTGCT
 TTGGATATATGGCCATATCCTTCTCCTAGACCGACCTTTGGCATCACTTGGAGGTATAGACTTCAGACAG
 TAAAGTCTTAGCTGGAGTGAGCCTGATGTTACGGTACTGTGGGCAAGTTTGGATGGGATGATATGGC
 GGCCAAGGCTCCTCCAGGAGGAGGGACTACACGGACAGAAACATCCGAAACTGAAATCACAACAACAGAA
 ATAATTAAGAGGAGAGATGTTGGTCCTTATGGCATTGATCTGAATATTGTATCAGGAAAATCATTGTGTC
 CCATTGGAGTCCAGAAACACCAAAAAGAAACGCCTACACCTCAGAGGAAAGGCCTTCGATCAAGTGCAT
 GCGGCCAAAGAGACCAGAAACGCCCAAGCAAACCTGGCCCTGTTATTATTGAAACCTGGGTAGCAGAAGAA
 GAACTGGAATTGTGGGAGATCAGGGCATTGCTGAGAGAGTGGAGAAAAGAAAAGGCACAAGCAGTTGAGC
 AACAGGCTAAGAAACGACTGGAGCAGCAGAAGCCGACAGTGATTGCAACTTCCACTACTTCCCAACAAG
 CAGTACAACCAGCACCATCTCTCCAGCACAAGGTTATGGTGGCCCCATAAGTGGCTCAGTTACAACCT
 GGAACCAAAATGGTACTAACTACTAAAGTTGGATCTCCAGCTACAGTAACATTCCAACAAAAACAAGAACT
 TTCATCAAACCTTTGCTACATGGGTTAAGCAAGGCCAGTCAAATTCAGGCGTTGTTCAAGTACAGCAGAA
 AGTCTGGGTATCATTCCATCAAGTACAGTACCAGTACAGCAAACCTTTACTTCATTCCAGCCCAGGACA
 GCAACAGTCACAATTAGGCCAATACCTCAGGCTCTGGAGGAACCACAAGCAATTCACAAGTAATCAGAG
 GGCTCAGATTCGCCCTGGTATGACCGTGATTAGAACCACCTCCAACAGTCAACACTAGGAAAGGCAAT
 TATTCGAACACCTGTGATGGTACAGCCAGTGTCTCTCAGCAAGTGATGACTCAAATCATCAGGGGGCAG
 CCTGTCTCCACTGCAGTCTCCGCCCTAACACGGTTTCTCAACACCTGGGCAGAAAAGCTTAACTTCAG
 CAACGTCCACTTCAAATATACAGTCTTCAGCCTCACAACCCCTCGCCCCAACAAAGGACAAGTGAAGCT
 CACCATGGCTCAACTACTCAGTAAACACAGGGCCACGGTGGCAATCAAGGTTTGACAGTAGTAATTCAG
 GGACAAGTCAAACACTGGACAGTTGCAGTTGATACCTCAAGGGGTGACTGTACTCCAGGCCCAGGCC
 AGCAGCTAATGCAAGCTGCAATGCCAAATGGTACTGTTCCAGCGATTCTCTTTACCCCATGGCAACAAC
 AGCCACCACAGCCAGCACCACCACCAGTGTTCACGACAGCAGCAGGTACAGGTGAACAAAGGCGAG
 AGTAAACTGTACCCCAGATGCAGGTACATCAAGACAAAACCTGCCACCAGCTCAGTCAATCAAGTGTGG
 GTCCAGCAGAAGCCAGCCACAGACTGCTCAGCCTTACAGTCAAGCCAGCCCCAACCCAGCCCCAGTCC
 CCCAGCTCAGCCTGAAGTTCAGACTCAGCCTGAAGTTCAGACCCAAAACAAGTGTTCATCCCATGTCCCT
 TCTGAAGCACAACCCACCACGCACAGTATCCAAGCCCCAAGTGCAGCACAGTCTCAGCCTCAAAGTA
 ATGTCCAAGGACAGTCTCCTGTTGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTC
 CCAACTGTCTCCTGGACAACAATCCCAGGTTACAGTACAACCTCACAACCGATTCCAATCAACCACAT
 ACATCTCTCAGATACCTTCCAAAGGCCAGCCACAGTACAACCCAGGTACAGTCTTCAACTCAAACCTC
 TTTTCATCAGGACAACTTTAAATCAAGTACTGTTTCATCCCATCCCGTCTCAGTACAATACAGCA
 GCCACAGCCCCAAGTATTGCTGTGCCTCAGTGAACAACAAGTCCAGGTTCTCTCAGATCCAGTCA
 CAGGTTGTGGCTCAGATACAGGCTCAGCAAAGTGGTGTGCCCCAGCAAATCAAACCTCAGTTACCTATCC
 AAATTCAGCAAAGCAGTGTGTGCAGACTCACCAGATTGAGAATGTGGTTACAGTGCAGGCGCCAGTGT
 GCAAGAGCAGTTGCAAAGGGTTCAGCAACTCAGGGATCAGCAGCAAAAAGAAAGAAACAGCAACAGATAGAA
 ATTAAGCGTGAACACACCCTCCAAGCTTCTAATCAAAGTGAATCATTGAGAAACAGGTGGTGATGAAGC
 ATAATGCTGTAATAGAACATTTAAAACAGAAAAAGAGCATGACTCCAGTGAAGAGAAGAGAATCAAAG
 AATGATTGTCTGTAACCAGGTGATGAAGTATATTTGGATAAGATAGATAAAGAAGAAAAACAGGCAGCA
 AAAAAACGGAAGCGTGAAGAGAGTGTGGAGCAGAAACGTAGCAAGCAGAATGCCACTAAGCTGTGACGCTC
 TGCTCTTCAAGCACAAGAGCAGCTCAGAGCCGAGATCCTGAAGAAGAGAGCACTCTGGACAAGGATCT
 GCAAAATTGAAGTGCAGGAAGAGCTGAAGAGAGACCTGAAAATTAAAGAAAGAAAAAGACCTGATGCAGTTG
 GCTCAGGCCACAGCAGTGTGACCCCTGCCCCCAGTGCACACAGCTCTCCAGCCCCTCAGCCCCCTC
 CACCCCTCCACCTTACCTCCCCCTCCACCTGCTGTGCAACACACAGGCCTTCTGTCCACGCCACCTT
 ACCTGTGCTTCCAGAAGAGGAAGCGGGAAGAGGAAAAAGACTCCAGCTCAAAGTCCAAGAAAAAGAAA
 ATGATCTACTACTCTCAAAGGAACTAAGAAGGACACAAAGCTTTACTGTATCTGTAACGCCTTATG
 ATGAATCTAAATTTTATATTGGCTGTGATCGGTGTGAGAAATGGTACCATGGGCGCTGCGTTGGCATCTT
 GCAAAGTGAGGCAGAGCTCATTGATGAGTATGTCTGTCCACAGTCCAGTCAACAGAGGATGCCATGACA
 GTGCTCAGCCACTAACAGAGAAGGATTATGAGGGGTTAAGAGGGTGTCCGTTCTTACAGGCCCATA
 AGATGGCCTGGCCTTTCCTTGAACCAAGTACACCTAATGATGCACAGATTATTATGGTGTATTAAAGGA
 ACCTATGGACCTTGCACCATGGAAGAAAGAGTACAAAGACGATATTATGAAAAGCTGACGGAAATTTGTG
 GCAGATATGACCAAAATTTTGTAACTGTCGTTACTACAATCCAAGTACTCCCATTTTACCAGTGTG
 CAGAAGTCTCGAATCATTCTTTGTACAGAAATGAAAGGCTTCAAAGCTAGCAGGTCTCATAACAACAA

ACTGCAGTCTACAGCTTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217011 representing NM_182641
Red=Cloning site Green=Tags(s)

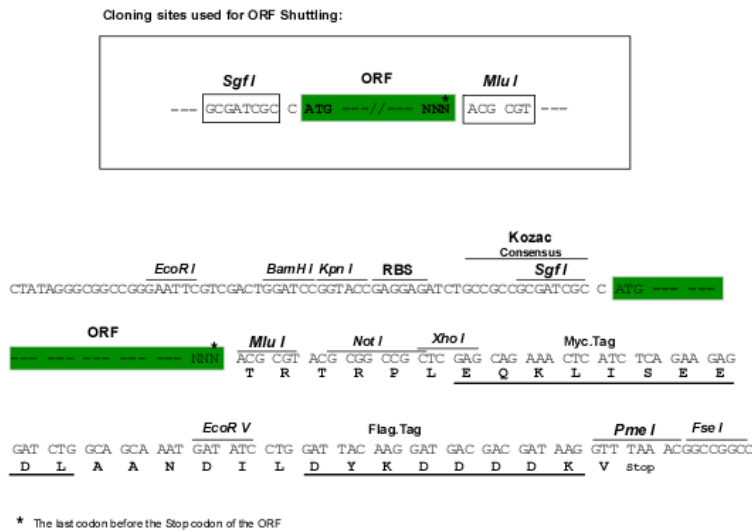
MRGRRGRPPKQPAAPAAERCAPPPPPPPPTSGPIGGLRSRHRGSSRGRWAAAQAEVAPKTRLSSPRGG
SSSRKPPPPPPAPPSTSAPGRGRRGGGGGRTGGGGGGHLLARTTAARRAVNKVVYDDHESEEEEEEDM
VSEEEEEEDGDAEETQDSEDDEEDEMEEDDDSDYPEEMEDDDDDASYCTESSFRSHSTYSSTPGRRKPR
VHRPRSPILEEKDIPPLEFPKSSSEDLMPNEHIMNVIAIYEVLNFGTVLRLSPFRFEDFCAALVSQEQC
TLMAEMHVLLKAVLREEDTSNTTFGPADLKDSVNSTLYFIDGMTWPEVLRVYCESDKEYHHVLPYQEA
DYYPGYPVENKIKVLQFLVDQFLTTNIAREELMSEGVYQDDHCRVCHKLGDLLCCETCSAVYHLECVKPP
LEEVPEDEWQCEVCVAHKVPGVTDCAEIQKNKPYIRHEPIGYDRSRRKYWFLNRRLIIEEDTENENEK
IYYSTKVQLAELIDCLDKDYWEAELCKILEEMREEIHRHMDITEDLTKARGSNKSFLLAAANEEILESI
RAKKGIDNVKSPETEEDKNETENDSKDAEKNREEFEDQSLEKSDDKTPDDDPQGGKSEVDFKSEK
NGELSESPGAGKASGSTRITRLRNPDSKLSQLKSQVAAAAHEANKLFKEGKEVLVVNSQGEISRLST
KKEVIMKGNINNYFKLQEGKYRVYHNQYSTNSFALNKHQHRHDHDKRRHLAHKFCLTPAGEFKWNGSVH
GSKVLTISTLRLTITQLENNIPSSFLHPNASHRANWIKAVQMCSKPREFALALALECAVKPVVMLPIW
RESLGHTRLHRMTSIEREEKEKVKKKEKQEEEEETMQQATWVKYTFPVKHQVWKQKGEERYVTGYGGWSW
ISKTHVYRFVPLKPGNTNVNYRKSLEGTKNMMDENMDESDDRKCSRSPKIKIEPDSEKDEYKGSDAAG
ADQNMDSKITEKQDQVKELLDSDSDKPCKEEPMEDDDMKTESHVNCQESSQVDVVNVSEGFHLRTS
YKKTSSKLDGLLEERRIKQFTLEEKQRLKIKLEGGIKIGKTSNSSKNLSESPVITKAKEGCQSDSM
RQEQSPNANNDQPEDLIQGCSESDSSVLRMSDPSTTNKLYPKDRVLDVVSIRSPETKCPKQNSIENDIE
EKVSDLASRQEPKSKTKGNDFIDDSKLASADDIGTLICKNKKPLIQEESDITVSSSKSALHSSVPKS
TNRDRAPLSRAMDFEGKLGCDSESNSTLENSDTSVIQDSSEEDMIVQNSNESISEQFRTREQDVEVLE
PLKCELVSGESTGNCEDRLPVKGTANGKPKSQKLEERPVNKCSQIKLKNLTDKKNENRESEKKGQ
RTSTFQINGKDNPKIYLKGECLKEISESRVSGNVEPKVNNINKIIPENDIKSLTVKESAIRPFINGDV
IMEDFNERNSSSEKSHLLSSSDAEGNYRDSLETLPSTKESDSTQTTTSPASCPESSNVQVEDMEIETSE
YKVTSSPITSEESNLNDFIDENGLPINKNENVNGESKRKTVIETVTMTSTVATESKTVIKVEKGD
QTVVSSSTENCAKSTVTTTTTTVTKLSTPSTGGSVDIISVKEQSKTVTTTTVTDLSLTTGGTLVTSMTVSK
EYSTRDKVKLMKFSRPPKTRSGTALPSYRKFVTKSSKKSIFVLPNDLKLARKGGIREVPYFNNAKPA
LDIWPYSPRPTFGITWRYRLQTVKSLAGVSLMLRLLWASLRWDDMAAKAPPGGTTTRTETSETEITTE
IIKRRDVGYPYIRSEYCIKRIICPIGVPETPKETPTPQRKGLRSSALRPRPETPKQTPGVIETWVAEE
ELELWEIRAFERVEKEKAQAVEQQAKRLEQQKPTVIATSTTSPTSTSTISPAQKVMVAPISGSVTT
GTMVLTTKVGPATVTFQONKNFHQTFATWVKQGSNSGVVQVQKVLGIIPSSSTGTSQTFSTFQPR
ATVTIRPNTSGSGGTTNSQVITGPQIRPGMTVIRTPLQQSTLGAIIIRTPVMVQPGAPQVMTQIIRGQ
PVSTAVSAPNTVSTPGQKSLTSATSTSNIQSSASQPPRQGGQVKTMAQLTQLTQGHGNGQLTVVIQ
GGQTTGQLQLIPQGVTVLPGPGQQLMQAAMPNGTVQRFLLTPLATTATTASTTTTTVSTTAAGTGEQRQ
SKLSPQMQRVHDKTLPPAQSSSVGPAEAQPQTAQPSAQPPQTPQPSAQPEVQTQPEVQTQTTVSSHVP
SEAQPTHAAQSSKPVAAQSQPQSNVQGGSPVRVQSPSQTIRPSTPSQLSPGQSSQVQTTTSQPIPIQPH
TSLQIPSQGQPQSQPVQSSQTLSGGQTLNQVTVSSSRPQLQIQPPQPVIAVPQLQQVQVLSQIQS
QVVAQIQAQSGVPQKIKLQLPIQIQSSAVQTHQIQNVTVQAASVQEQLQRVQQLRDQKQKQKQKQIE
IKREHTLQASNQSEIIQKQVVMKHNAVIEHLKQKKSMTPAEREENQRMIVCNQVMKYILDKIDKEEKQAA
KKRKRREESVEQKRSKQNAATKL SALLFKHKEQLRAEILKKRALLDKDLQIEVQEELKRDLIKKEKDLMLQ
AQATAVAAPCPPVTPAPPAPPAPPPPPPPPPAVQHTGLLSTPTLPAASQKRKRREEEKDSSSKSKKKK
MISTTSKETKDKTKLYCICKTPYDESKFYIGCDRCQNWYHGRVGVILQSEAELIDEYVCPQCQSTEDAMT
VLTPLTEKDYEGLKRVLRSLQAHKMAWPFLEPVDPNADPDYGVKEPMDLATMEERVQRRYYEKLTEFV
ADMTKIFDNCRYNPSDSPFYQCAEVLESFFVQKLGFKASRSHNNKLQSTAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mg3407_f05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_182641

ORF Size: 8769 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.

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.

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

RefSeq: [NM_182641.4](#)

RefSeq Size: 10935 bp

RefSeq ORF: 8763 bp

Locus ID: 2186

UniProt ID: [Q12830](#)

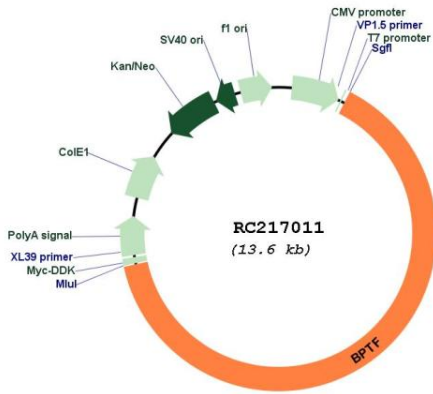
Cytogenetics: 17q24.2

Protein Families: Druggable Genome

MW: 324.9 kDa

Gene Summary: This gene was identified by the reactivity of its encoded protein to a monoclonal antibody prepared against brain homogenates from patients with Alzheimer's disease. Analysis of the original protein (fetal Alz-50 reactive clone 1, or FAC1), identified as an 810 aa protein containing a DNA-binding domain and a zinc finger motif, suggested it might play a role in the regulation of transcription. High levels of FAC1 were detected in fetal brain and in patients with neurodegenerative diseases. The protein encoded by this gene is actually much larger than originally thought, and it also contains a C-terminal bromodomain characteristic of proteins that regulate transcription during proliferation. The encoded protein is highly similar to the largest subunit of the Drosophila NURF (nucleosome remodeling factor) complex. In Drosophila, the NURF complex, which catalyzes nucleosome sliding on DNA and interacts with sequence-specific transcription factors, is necessary for the chromatin remodeling required for transcription. Two alternative transcripts encoding different isoforms have been described completely. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC217011