

Product datasheet for **RC220750**

ZFP161 (ZBTB14) (NM_003409) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFP161 (ZBTB14) (NM_003409) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZFP161
Synonyms:	ZF5; ZFP-5; ZFP-161; ZFP161; ZNF478
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC220750 representing NM_003409
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTTTTTTCATCAGTATGTCTGAAACCATTAAATATAATGACGATGATCATAAACTCTGTTTCTGA
 AAACACTAAATGAACAACGCCTGGAAGGAGAATTTTGTGATATTGCTATTGTGGTTGAGGATGTGAAATT
 CAGAGCACACAGATGTGTTCTTGTCTGCCTGCAGCACTTACTTTAAAAAGCTTTTCAAGAAGCTTGAGGTT
 GATAGTCTTTCGGTCATAGAAATAGATTTTCTTCGTTCTGATATATTTGAAGAGGTCCTGAACTACATGT
 ACACAGCAAAGATTTCCGTGAAAAAGAAGATGTTAACTTAATGATGTCATCGGGTCAGATTCTTGGTAT
 CCGATTTTGGATAAACTGTGTTCTCAGAAGCGTGATGTGTCCAGTCCCGATGAAAAAATGGTCAGTCC
 AAAAGTAAGTATTGCCTTAAAAATAATCGCCCCATTGGAGATGCTGCTGACACCCAGGATGATGATGAG
 AGGAAATCGGGGATCAGGATGACAGTCTTCTGATGACACAGTAGAAGGCACACCCCGAGTCAGGAGGA
 CGCAAGTCGCCACCACAACGCTCAGGGTTCAGGAAGCGATCCTGAAAGAGCTGGGGAGTGAGGAAGTT
 CGGAAGGTCAATTGCTACGGCCAGGAAGTAGAATCCATGGAGACCCAGAATCAAAAAGACTTGGGGTCCC
 AGACCCCTCAAGCCTTAACATTTAATGATGGGATGAGTGAAGTGAAGATGAACAGACACCAGGCTGGAC
 AACAGCCGCCAGTGACATGAAGTTTGAATTTGCTTTATGGTACCATCGGGAGCAGATTGCTGCCAG
 GCGTGTGGGAAGACGTTTTCTGATGAAGGCAGATTGAGGAAGCATGAGAACTCCACACGGCGGACAGGC
 CATTGTGTTGTGAAATGTGCACAAAAGGTTTACCACACAGGCCACCTGAAAGAACACCTAAAAATCCA
 CACAGGATATAAGCCCTATAGCTGTGAGGTGTGTGAAAAATCATTATCCGTGCCCGAGACTTAAAGAAG
 CATGAGAGAGTTCACAGTAATGAAAGACGTTTTCGCTGCCACATGTGTGACAAAGCCTTCAAACACAAGT
 CTCACCTCAAGGATCATGAAAGAAGACACAGAGGGGAAAAGCCTTTTGTGTGTGGCTCTGCACCAAGGC
 ATTTGCCAAGGCATCTGATCTGAAAAGGCACGAGAACAATATGCACAGTGAAGGAAGCAGGTTACCCCC
 AGTGCCATCCAGAGCGAGACAGAACAGTTGCAGCGCGCAGCGATGGCTGCGGAAGCAGAACAGCAGCTGG
 AGACGATAGCCTGTAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220750 representing NM_003409
 Red=Cloning site Green=Tags(s)

MEFFISMSETIKYNDHDKTLFLKTLNEQRLEGEFCDIAIVVEDVKFRAHRCVLAACSTYFKKLFKKLEV
 DSSSVIEIDFLRSDIFEEVLNYMYTAKISVKKEDVNLMMSSGQILGIRFLDKLCSQKRDVSSPDENNGQS
 KSKYCLKINRPIGDAADTQDDVVEEIGDQDDSPSDDTVEGTPPSQEDGKSPTTTTLRVQEAILELKGSEEV
 RKVNCYGQEVESMETPESKDLGSQTPQALTFNDGMSEVKDEQTPGWTTAASDMKFEYLLYGHHRQIACQ
 ACGKTFSDGRLRKHEKLHTADRPVCEMCTKGFTTQAHLKEHLKIHTGYKPYSCVCGKSFIRAPDLKK
 HERVHSNERPFACHMCDKAFKHKSHLKDHERHRGKPFVCGSCTKAFKASDLKRHENNMHSERKQVTP
 SAIQSETEQLQAAAMAEEAEQLETIACS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8116_c06.zip

Restriction Sites:

Sgfl-Mlul

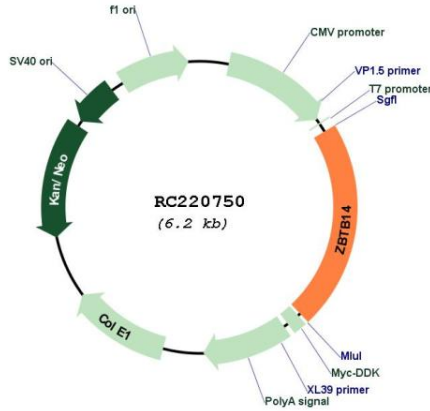
Domains: BTB, zf-C2H2

Protein Families: Transcription Factors

MW: 51 kDa

Gene Summary: Transcriptional activator of the dopamine transporter (DAT), binding it's promoter at the consensus sequence 5'-CCTGCACAGTTCACGGA-3'. Binds to 5'-d(GCC)(n)-3' trinucleotide repeats in promoter regions and acts as a repressor of the FMR1 gene. Transcriptional repressor of MYC and thymidine kinase promoters.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC220750