

Product datasheet for **RC220750L4V**

ZFP161 (ZBTB14) (NM_003409) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZFP161 (ZBTB14) (NM_003409) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZFP161
Synonyms:	ZF5; ZFP-5; ZFP-161; ZFP161; ZNF478
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003409
ORF Size:	1347 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220750).
OTI Disclaimer:	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.
RefSeq:	NM_003409.4
RefSeq Size:	3665 bp
RefSeq ORF:	1350 bp
Locus ID:	7541
UniProt ID:	O43829
Cytogenetics:	18p11.31
Domains:	BTB, zf-C2H2
Protein Families:	Transcription Factors


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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]