Product datasheet for RC213231L3V

ZGPAT (NM_032527) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZGPAT (NM_032527) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZGPAT
Synonyms:	GPATC6; GPATCH6; KIAA1847; ZC3H9; ZC3HDC9; ZIP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_032527
ORF Size:	1593 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213231).
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_032527.2
RefSeq Size:	1997 bp
RefSeq ORF:	1596 bp
Locus ID:	84619
UniProt ID:	Q8N5A5
Cytogenetics:	20q13.33
Domains:	G-patch, zf-CCCH
MW:	57.2 kDa

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Gene Summary: Transcription repressor that specifically binds the 5'-GGAG[GA]A[GA]A-3' consensus sequence. Represses transcription by recruiting the chromatin multiprotein complex NuRD to target promoters. Negatively regulates expression of EGFR, a gene involved in cell proliferation, survival and migration. Its ability to repress genes of the EGFR pathway suggest it may act as a tumor suppressor. Able to suppress breast carcinogenesis.[UniProtKB/Swiss-Prot Function]