

Product datasheet for **SC202962**

ZGPAT (NM_032527) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ZGPAT (NM_032527) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ZGPAT
Synonyms:	GPATC6; GPATCH6; KIAA1847; ZC3H9; ZC3HDC9; ZIP
ACCN:	NM_032527
Insert Size:	253 bp
Insert Sequence:	>SC202962 3'UTR clone of NM_032527 The sequence shown below is from the reference sequence of NM_032527. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACACCCACAAGAAGATGACTGAGTTCTAGAGACCCACAAGCACTATGGACGAAGCGTGGGACCCAG CACGGGCTGCCCTCAGGAAGACCAGTGTTCGCCGAGGAGGGCGGCCTGCTGGCCTGGGGCGTGCAGA CACTGCTGAGTGGAGACAGAGCTGCGGGTCCCATCTGGACACTTACTTGCCACCTGCCAGTGTCTTG GGCATTTCCTTGCAAGGACATTAAGTATTTCATCACAGTGTCA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_032527.5</u>



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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]

Locus ID: 84619

MW: 9.3