

Product datasheet for **RC221260L4V**

ZGPAT (NM_181485) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ZGPAT (NM_181485) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ZGPAT |
| Synonyms: | GPATC6; GPATCH6; KIAA1847; ZC3H9; ZC3HDC9; ZIP |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_181485 |
| ORF Size: | 1533 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC221260). |
| 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_181485.1 , NP_852150.1 |
| RefSeq Size: | 1898 bp |
| RefSeq ORF: | 1536 bp |
| Locus ID: | 84619 |
| UniProt ID: | Q8N5A5 |
| Cytogenetics: | 20q13.33 |
| MW: | 55.6 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]