

Product datasheet for **TP321260M**

ZGPAT (NM_181485) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger, CCCH-type with G patch domain (ZGPAT), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221260 protein sequence Red =Cloning site Green =Tags(s)

MDEESLESALQTYRAQLQQVELALGAGLDSSEQADLRQLQGDLKELIELTEASLVSVRKSRLLAALDEER
PGRQEDAEYQAFREAITEAVEAPAAARGSGSETVPKAEAGPESAAGGQEEEEGEDEEELSGTKVSAPYYS
SWGTLLEYHNAMVVGTEEAEDGSAGVRVLYLYPTHKSLKPCFFLEGKCRFKENCRFSHGQVVSLELDRPF
QDPDLSSLQAGSACLAKHQDGLWHAARITDNDNGYYTVKFDSLLLREAVVEGDGILPPLRTEATESDSDS
DGTGDSSYARVVGSDAVDSGTCSSAFAGWEVHTRGIGSRLLTKMGYEFKGLGRHAEGRVEPIHAVLPR
GKSLDQCVELQKQTRVKGAGTNKPPRCRGRGARPPGRAPRNVDFLNEKLQGPAGALEAGAAPAGR
SKDMYHASKAKRALSRLFQTEEKIERTQRDIRSIQEALARNAGRHSVASAQLQEKLGAQRQLGQLRA
QEAGLQQEQRKADTHKKMTEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

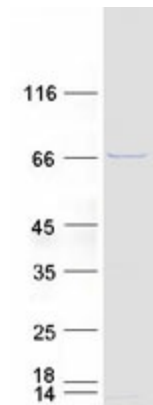
Tag:	C-Myc/DDK
Predicted MW:	55.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_852150
Locus ID:	84619
UniProt ID:	Q8N5A5 , A0A0S2Z5X3
RefSeq Size:	1898
Cytogenetics:	20q13.33
RefSeq ORF:	1533
Synonyms:	GPATC6; GPATCH6; KIAA1847; ZC3H9; ZC3HDC9; ZIP
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]

Product images:



Coomassie blue staining of purified ZGPAT protein (Cat# [TP321260]). The protein was produced from HEK293T cells transfected with ZGPAT cDNA clone (Cat# [RC221260]) using MegaTran 2.0 (Cat# [TT210002]).