

## Recombinant Mouse Zgpat Protein, Myc/DDK-tagged

Cat. No. Zgpat-7106M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse zinc finger, CCCH-type with G patch domain (Zgpat), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	56.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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**GENE INFORMATION**

<b>Gene Name</b>	Zgpat zinc finger, CCCH-type with G patch domain [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Zgpat
<b>Synonyms</b>	ZGPAT; zinc finger, CCCH-type with G patch domain; zinc finger CCCH-type with G patch domain-containing protein; BC021513; 1500006I01Rik; MGC25688; MGC38468
<b>Gene ID</b>	229007
<b>mRNA Refseq</b>	NM_144894
<b>Protein Refseq</b>	NP_659143
<b>UniProt ID</b>	Q8VDM1

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