

Product datasheet for **TP302971M**

ZKSCAN3 (NM_024493) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger with KRAB and SCAN domains 3 (ZKSCAN3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202971 protein sequence Red =Cloning site Green =Tags(s)

MARELSESTALDAQSTEDQMELLVIKVEEEEAGFPSSPDLGSEGSRERFRGFRYPEAAGPREALSRLREL
CRQWLQPEMHSKEQILELLVLEQFLTILPGNLQSWVREQHPESGEEVWVLEYLELRLDEPAPQVSGVDQ
GQELLCKMALLTPAPGSQSSQFQLMKALLKHESVGSQPLQDRVLQVPMLAHGGCCREDAVVASRLTPES
QGLLKVEDVALTLTPEWTQQDSSQGNLCRDEKQENHGSLVSLGDEKQTKSRDLPPAEELPEKEHGKISCH
LREDIAQIPTCAEAGEQEGRLQRKQKNATGGRRHICHECGKSFAQSSGLSKHRRHHTGEKPYECEECGKA
FIGSSALVIHQRVHTGEKPYECEECGKAFSSHSDLIKHQRTHHTGEKPYECDDCGKTFQSCLLEHHRH
TGEKPYQCSMCGKAFRRSSHLLRHQRIHTGDKNVQEPEQGEAWKSRMESQLENVETPMSYKCNECERSFT
QNTGLIEHQKIHTGEKPYQCACGKGFTRISYLVQHQRSHVGNILSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

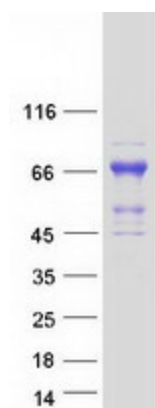
Tag:	C-Myc/DDK
Predicted MW:	60.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_077819
Locus ID:	80317
UniProt ID:	Q9BRR0
RefSeq Size:	4725
Cytogenetics:	6p22.1
RefSeq ORF:	1614
Synonyms:	dj874C20.1; dj874C20.1.; ZF47; zfp-47; Zfp47; ZFP306; ZNF306; ZNF309; ZSCAN13; ZSCAN35
Summary:	Transcriptional factor that binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3' and acts as a repressor of autophagy. Specifically represses expression of genes involved in autophagy and lysosome biogenesis/function such as MAP1LC3B, ULK1 or WIPI2. Associates with chromatin at the ITGB4 and VEGF promoters. Also acts as a transcription activator and promotes cancer cell progression and/or migration in various tumors and myelomas. [UniProtKB/Swiss-Prot Function]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified ZKSCAN3 protein (Cat# [TP302971]). The protein was produced from HEK293T cells transfected with ZKSCAN3 cDNA clone (Cat# [RC202971]) using MegaTran 2.0 (Cat# [TT210002]).