

Product datasheet for TP302971L

ZKSCAN3 (NM_024493) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human zinc finger with KRAB and SCAN domains 3 (ZKSCAN3), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC202971 protein sequence Red=Cloning site Green=Tags(s) |

MARELSESTALDAQSTEDQMELLVIKVEEEEAGFPSSPDLGSEGSRERFRGFRYPEAAGPREALSRLREL
CRQWLQPEMHSKEQILELLVLEQFLTILPGNLQSWVREQHPESGEEVWVLLLEYLERQLDEPAPQVSGVDQ
GQELLCKMALLTPAPGSQSSQFQLMKALLKHESVGSQPLQDRVLPVLAHGGCCREDAVVASRLTPES
QGLLKVEDVALTLTPEWTQQDSSQGNLCRDEKQENHGSLVSLGDEKQTKSRDLPPAEELPEKEHGKISCH
LREDIAQIPTCAEAGEQEGRLQRKQKNATGGRRHICHECGKSFAQSSGLSKHRRHHTGEKPYECECECGKA
FIGSSALVIHQRVHTGEKPYECECECGKAFSSHSDLIKHQRTHTGEKPYECDDCGKTFQSCLLEHHRH
TGEKPYQCSMCGKAFRRSSHLLRHQRIHTGDKNVQEPEQGEAWKSRMESQLENVETPMSYKCNECERSFT
QNTGLIEHQKIHTGEKPYQCACGKGFTRISYLVQHQRSHVGNILSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

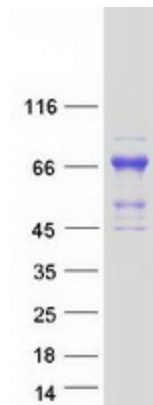
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 60.5 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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]).