

Recombinant Human ZKSCAN3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ZKSCAN3-1789H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZKSCAN3 MS Standard C13 and N15-labeled recombinant protein (NP_077819) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	60.6 kDa
AA Sequence	MARELSESTALDAQSTEDQMELLVIKVEEEEAGFPSSPDLGSEGSRRERFRGFRYPE AAGPREALSRLRELCRQWLQPEMHSKEQILELLVLEQFLTILPGNLQSWVREQHPES GEEVVVLLLEYLERQLDEPAPQVSGVDQGQELLCKMALLTPAPGSQSSQFQLMKAL LKHESVGSQPLQDRVLQVPMLAHGGCCREDAAVASRLTPESQGLLKVEDVALTLTP EWTQQDSSQGNLCRDEKQENHGSLVSLGDEKQTKSRDLPPAEELPEKEHGKISCH LREDIAQIPTCAEAGEQEGRLQRKQKNATGGRRHICHECGKSFAQSSGLSKHRRRIHT GEKPYECEECEGKAFIGSSALVIHQRVHTGEKPYECEECEGKAFSHSSDLIKHQRTHTG

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EKPYECDDCGKTFSSQSCSLLEHHRIHTGEKPYQCSMCGKAFRRSSHLLRHQRIHTG
 DKNVQEPEQGEAWKSRMESQLENVETPMSYKCNECERSFTQNTGLIEHQKIHTGE
 KPYQCNACGKGFTTRISYLVQHQRSHVGKNILSQTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ZKSCAN3 zinc finger with KRAB and SCAN domains 3 [Homo sapiens (human)]

Official Symbol ZKSCAN3

Synonyms ZKSCAN3; zinc finger with KRAB and SCAN domains 3; zinc finger protein 306, zinc finger protein 309, ZNF306, ZNF309; zinc finger protein with KRAB and SCAN domains 3; dJ874C20.1; ZF47; Zfp47; zinc finger protein 306; zinc finger protein 309; zinc finger protein zfp47; zinc finger protein 47 homolog; zinc finger and SCAN domain-containing protein 13; ZFP306; ZNF306; ZNF309; zfp-47; ZSCAN13; dJ874C20.1.; FLJ33906; KIAA0426;

Gene ID 80317

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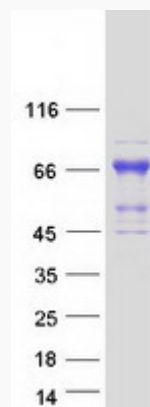
mRNA Refseq NM_024493

Protein Refseq NP_077819

MIM 612791

UniProt ID Q9BRR0

SDS-PAGE



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