

Recombinant Human ZKSCAN3 Protein, MYC/DDK-tagged

Cat. No. ZKSCAN3-09H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human zinc finger with KRAB and SCAN domains 3 (ZKSCAN3) with a C-Myc/DDK tag was expressed in HEK293T.
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	60.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µ/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

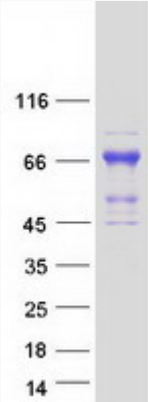
GENE INFORMATION

Gene Name	ZKSCAN3 zinc finger with KRAB and SCAN domains 3 [Homo sapiens (human)]
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Official Symbol	ZKSCAN3
Synonyms	ZKSCAN3; zinc finger with KRAB and SCAN domains 3; ZF47; Zfp47; ZFP306; ZNF306; ZNF309; zfp-47; ZSCAN13; ZSCAN35; dJ874C20.1; dJ874C20.1; zinc finger protein with KRAB and SCAN domains 3; zinc finger and SCAN domain-containing protein 13; zinc finger protein 306; zinc finger protein 309; zinc finger protein 47 homolog; zinc finger protein zfp47
Gene ID	80317
mRNA Refseq	NM_024493
Protein Refseq	NP_077819
MIM	612791
UniProt ID	Q9BRR0
	

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