

## Product datasheet for PH302971

### ZKSCAN3 (NM\_024493) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ZKSCAN3 MS Standard C13 and N15-labeled recombinant protein (NP_077819)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202971
Predicted MW:	60.6 kDa
Protein Sequence:	>RC202971 protein sequence Red=Cloning site Green=Tags(s)

MARELSESTALDAQSTEDQMELLVIKVEEEEAGFPSSPDLGSEGSRERFRGFRYPEAAGPREALSRLREL  
CRQWLQPEMHSKEQILELLVLEQFLTILPGNLQSWVREQHPESGEEVVVLLLEYLERQLDEPAPQVSGVDQ  
GQELLCKMALLTPAGSQSSQFQLMKALLKHESVGSQPLQDRVLQVPMPLAHGGCCREDAYVASRLTPES  
QGLLKVEDVALTLTPEWTQQDSSQGNLCRDEKQENHGSLVSLGDEKQTKSRDLPPAEELPEKEHGKISCH  
LREDIAQIPTCAEAGEQEGRLQRKQKNATGRRRHICHECGKSFAQSSGLSKHRRIHTEKPYECEECGKA  
FIGSSALVIHQRVHTGEKPYECEECGKAFSHSSDLIKHQRTHTGEKPYECDDCGKTFSSQCSLLEHHRH  
TGEKPYQCSMCGKAFRRSSHLLRHQRIHTGDKNVQEPEQGEAWKSRMESQLENVTPMSYKNECERSFT  
QNTGLIEHQKIHTGEKPYQCACGKGFTRISYLVQHQRSHVGNILSQ

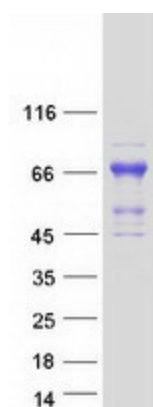
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_077819</u>
RefSeq Size:	4725
RefSeq ORF:	1614



[View online »](#)

<b>Synonyms:</b>	dj874C20.1; dj874C20.1.; ZF47; zfp-47; Zfp47; ZFP306; ZNF306; ZNF309; ZSCAN13; ZSCAN35
<b>Locus ID:</b>	80317
<b>UniProt ID:</b>	<a href="#">Q9BRR0</a>
<b>Cytogenetics:</b>	6p22.1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).