

Product datasheet for PH300400

ZNF174 (NM_001032292) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZNF174 MS Standard C13 and N15-labeled recombinant protein (NP_001027463)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200400
Predicted MW:	26.9 kDa
Protein Sequence:	>RC200400 protein sequence Red=Cloning site Green=Tags(s)
	MAAKMEITLSSNTEASSKQERHIIAKLEEKRGPPPLQKNCPELQRQSFRRFCYQEVSQEQEALSQRLRQL CRQWLQPELHTKEQILELLVMEQFLTILPPEIQARVRHRCMPSSKEIVTLVEDFHRASKPKQWVAVCMQ GQKVLLEKTGSQLGEQELPDFQPQTPRRDLRESSPAEPSQAGAYDRLSPHHWEKSPLLQEPTPKLAGTEL LIEKTDPNMATDELPCKLWLSFIA
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_001027463
RefSeq Size:	1593
RefSeq ORF:	702
Synonyms:	ZSCAN8
Locus ID:	7727
UniProt ID:	Q15697



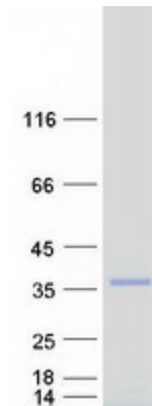
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Cytogenetics: 16p13.3

Summary: This gene encodes a protein with three Cys2-His2-type zinc fingers in the carboxy-terminus, a putative nuclear localization signal, and an amino-terminus SCAN box which forms homodimers. This protein is believed to function as a transcriptional repressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Dec 2016]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified ZNF174 protein (Cat# [TP300400]). The protein was produced from HEK293T cells transfected with ZNF174 cDNA clone (Cat# [RC200400]) using MegaTran 2.0 (Cat# [TT210002]).