

Product datasheet for PH308584

ZNHIT2 (NM_014205) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZNHIT2 MS Standard C13 and N15-labeled recombinant protein (NP_055020)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208584
Predicted MW:	42.9 kDa
Protein Sequence:	>RC208584 protein sequence Red=Cloning site Green=Tags(s)
	MEPAGPCGFCPAGEVQPARYTCPRCNAPYCSLRCYRTHGTCAENFYRDQVLGELRGCSAPPSRLASALRR LRQQRETEDEPGEAGLSSGPAPGGLSGLWERLAPGEKAAFERLLSRGEAGRLLPPWRPWWNRGAGPQLL EELDNAPGSDAAEELAPARTPPDSVKDASAAEPAEAERVLGDVPGACTPVVPTRIPIVLSLRGPVSPL VRFQLPNVLFAYAHTLALYHGGDALLSDFCATLLGVSGALGAQQVFASAEALQAAHVLEAGEHPPGP LGTRGAMHEVARILLGEGPTNQKGYTLAALGDLAQTLLGRARKQAVAREERDHL YRARKKCFLLAWTNEN EAAL TPLALDCARAHQAHAVVAEEVAAL TGELERLWGGPVPPAPRTLIEELPS
	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:	<u>NP_055020</u>
RefSeq Size:	1321
RefSeq ORF:	1209
Synonyms:	C11orf5; FON
Locus ID:	741



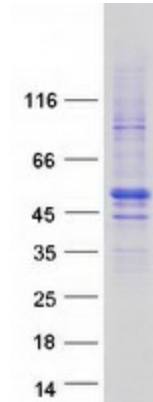
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UniProt ID: [Q9UHR6](#)

Cytogenetics: 11q13.1

Summary: May act as a bridging factor mediating the interaction between the R2TP/Prefoldin-like (R2TP/PFDL) complex and U5 small nuclear ribonucleoprotein (U5 snRNP) (PubMed:28561026). Required for the interaction of R2TP complex subunit RPAP3 and prefoldin-like subunit URI1 with U5 snRNP proteins EFTUD2 and PRPF8 (PubMed:28561026). May play a role in regulating the composition of the U5 snRNP complex (PubMed:28561026). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZNHIT2 protein (Cat# [TP308584]). The protein was produced from HEK293T cells transfected with ZNHIT2 cDNA clone (Cat# [RC208584]) using MegaTran 2.0 (Cat# [TT210002]).