

Product datasheet for PH309528

ZCCHC8 (NM_017612) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZCCHC8 MS Standard C13 and N15-labeled recombinant protein (NP_060082)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209528
Predicted MW:	78.6 kDa
Protein Sequence:	>RC209528 protein sequence Red=Cloning site Green=Tags(s)

MAAEVYFGDLELFEPFDHPEESIPKPVHTRFKDDDGDEEDENGVGDAELRERLRQCETIEQLRAENQEL
KRKLNILTRPSGILVNDTKLDGPILQILFMNNAISKQYHQEIEEFVSNLVKRFEEQQKNDVEKTSFNLLP
QPSSIVLEEDHKVEESCAIKNNKEAFSVVGSVLYFTNFCLDKLGQPLLNNENPQLSEGWEIPKYHQVFSHI
VSLEGQEIQVKAKRPKPHCFNCGSEEHQMKDCPMRANAARISEKRKEYMDACGEANNQNFQQRHYAAEVE
ERFGRFKPGVISEELQDALGVTDKSLPPFIYRMRQLGYPPGWLKEVELENSGLALYDGKGDGTGETEVEGE
IQQNKSVTYDL SKLVNYPGFNISTPRGIPDEWRIFGSIPMQACQKQDVFANYLTSNFQAPGVKSGNKRSS
SHSSPGSPKKQKNESENSAGSPADMELSDMEVPHGSQSSESFQFQPLPPDTPPLPRGTPPPVFTPLPK
GTPPLTPSDSPQTRTASGAVDEDALTEELEEQRRRIWAALAEQAESVNSDSDVPVDTPLTGNSVASSPCP
NELDLPVPEGKTSKQTLDEPEVPEIFTKKSEAGHASSPDEVTSLCQKEKAELAPVNTGALLDNGSVV
PNCDISNGGSQKLFADTSPSTATKIHSPIPDMSKFATGITPFEFENMAESTGMYLIRISLLKNSPRNQQ
KNKKASE

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_060082</u>

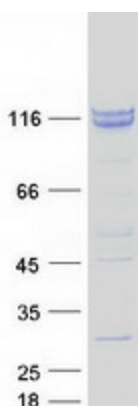


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RefSeq Size:	4260
RefSeq ORF:	2121
Synonyms:	PFBMFT5
Locus ID:	55596
UniProt ID:	Q6NZY4
Cytogenetics:	12q24.31

Summary: This gene encodes a scaffold protein which serves as an assessor factor to the nuclear RNA exosome complex. The encoded protein forms a trimeric human nuclear exosome targeting (NEXT) complex, together with hMTR4 and the RNA-binding factor RBM7 which promotes the exosomal degradation of non-coding promoter-upstream transcripts, enhancer RNAs and 3'-extended products of histone- and small nuclear RNA transcription. This complex is also thought to recruit the exosome to degrade intronic RNAs via its interaction with both the exosome and the spliceosome. It contains both an N-terminal zinc-knuckle domain and a C-terminal proline-rich domain. [provided by RefSeq, Apr 2017]

Product images:



Coomassie blue staining of purified ZCCHC8 protein (Cat# [TP309528]). The protein was produced from HEK293T cells transfected with ZCCHC8 cDNA clone (Cat# [RC209528]) using MegaTran 2.0 (Cat# [TT210002]).