

Product datasheet for PH305804

ZC3H10 (NM_032786) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZC3H10 MS Standard C13 and N15-labeled recombinant protein (NP_116175)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205804
Predicted MW:	46.1 kDa
Protein Sequence:	>RC205804 protein sequence Red=Cloning site Green=Tags(s)

MPDRDSYANGTGSSGGGPGGGGSEEASGAGVSGGASSDAICRDFLRNVCKRGKRCRYRHPDMSEVSNLG
VSKNEFIFCHDFQNKESRPNCRFIHGSKEDDEGYKKTGELPPRLRQKVAAGLGLSPADLPNGKEEVPI
RDFLKGDCQRGAKCKFRHLQRDFEFDARGGGGTGGSTGSVLPGRRHLDYDIYDLPDRGFEDHEPGPKRR
RGGCCPPDGPHEFESYEYSLAPPRGVECRLLLEENAMLRKRVEELKKQVSNLLATNEVLLLEQNAQFRNQAK
VITLSSTAPATEQTLAPTGTVAATFNHGIAQHTHTLSSQALQPRPVSQQELVAPAGAPAAPPTNAAPPAA
PPPPPHLTPEITPLSAALAQITIAQGMAPPVSMAPVAVSVAPVAVSMAQPLAGITMSHTTTPMVTY
PIASQSMRITAMPH

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- 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_116175
RefSeq Size:	2121
RefSeq ORF:	1302
Synonyms:	ZC3HDC10



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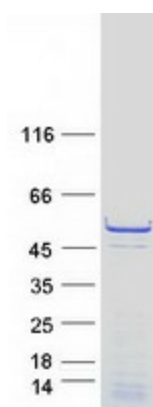
Locus ID: 84872

UniProt ID: [Q96K80](#)

Cytogenetics: 12q13.2

Summary: Specific regulator of miRNA biogenesis. Binds, via the C3H1-type zinc finger domains, to the binding motif 5'-GCAGCGC-3' on microRNA pri-MIR143 and negatively regulates the processing to mature microRNA.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZC3H10 protein (Cat# [TP305804]). The protein was produced from HEK293T cells transfected with ZC3H10 cDNA clone (Cat# [RC205804]) using MegaTran 2.0 (Cat# [TT210002]).