

Product datasheet for PH312335

RC3H1 (NM_172071) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RC3H1 MS Standard C13 and N15-labeled recombinant protein (NP_742068)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212335
Predicted MW:	125.6 kDa
Protein Sequence:	>RC212335 representing NM_172071 Red =Cloning site Green =Tags(s)

MPVQAPQWTDFLSCPICTQTDFDETIRKPISLGC GHTVCKMCLNKLHRKACPFQTTINTDIELLPVNSAL
 LQLVGAQVPEQQPITLC SGVEDTKHYEEAKKCVEELALYKPLSSARGVGLNSTTQSVLSRPMQRKLVTL
 VHCQLVEEEGRIRAMRAARSLGERTVTELILQHQPQQLSSNLWAAVRARGCQFLGPAMQEEALKLVLLA
 LEDGSALSRKVLVLFVVQRLEPRFPQASKTSIGHVVQLLYRASC FKVTKRDESSLMLQKEEFRTYEALR
 REHDSQIVQIAMEAGLRIAPDQWSSLLYGDQSHKSHMQSIIDKLQTPASFAQSVQELTIALQRTGDPANL
 NRLRPHLELLANIDPSDAPPPTWEQLENGLVAVRTVVHGLVDYIQNH SKKGADQQPPQH SKYKTYMCR
 DMKQRGCGPRGASCTFAHSQEELEKFRKM NKRLVPRRPLSASLGQLNEVGLPSAAILPDEGAVDLP SRKP
 PALPNGIVSTGNTVTQLIPRGTDPSYSSSLKPGKIDHLS SSGAPGSPDLL ESVPKISALPVNPHSIPPR
 GPADLPPMPVTKPLQMVPRGSQLYPAQQTDVYYQDPRGAAPPFEPAPYQQGMYTTPPPQCVSRFVRPPPS
 APPEPAPPYLDHYPPYLQERVVNSQYGTQPQQYPIYPSHYDGRVYPAPSYTREEIFRESPIEIPPA
 VPSYVPESRERYQQIESYYPVAPHPTQIRPSYLREPPYSRLPPPPQPHPSLDELHRRRKEIMAQLEERKV
 ISPPPFAPSPTLPPTFHPEEFLEDEDLK VAGKYKNDYSQYSPWSCDTIGSYIGTKDAKPKDVVAAGSVEM
 MNVESKGMRDQRLDLQRRAAETSDDDLIPFGDRPTVSRFGAISRTSKTIYQGAGPMQAMAPQGAPTKSIN
 ISDYSPYGTGGWGASPYSPHQNIP SQGHFSERERISMSEVASHGKPLPSAEREQLRLELQQLNHQISQQ
 TQLRGLEAVSNRLVLQREANTLAGQS QPPPPPPKWPGMISSEQLSLELHQVEREIGKRTRELSMENQCS
 LDMKSKLNTSKQAENGQPEPQNKVPAEDLTLTFSDVPNGSALTQENISLLSNKTSSLNLSEDPGGGDNN
 DSQRSGVTPSSAP

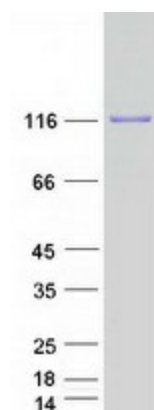
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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


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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_742068
RefSeq Size:	5431
RefSeq ORF:	3399
Synonyms:	FHL6; IMDSHY; RNF198; ROQUIN
Locus ID:	149041
UniProt ID:	Q5TC82
Cytogenetics:	1q25.1
Summary:	This gene encodes a protein containing RING-type and C3H1-type zinc finger motifs. The encoded protein recognizes and binds to a constitutive decay element (CDE) in the 3' UTR of mRNAs, leading to mRNA deadenylation and degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified RC3H1 protein (Cat# [TP312335]). The protein was produced from HEK293T cells transfected with RC3H1 cDNA clone (Cat# [RC212335]) using MegaTran 2.0 (Cat# [TT210002]).