

Product datasheet for PH301054

ANKZF1 (NM_018089) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKZF1 MS Standard C13 and N15-labeled recombinant protein (NP_060559)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201054
Predicted MW:	80.9 kDa
Protein Sequence:	>RC201054 protein sequence Red=Cloning site Green=Tags(s)

MSPAPDAAPAPASISLFDLSADAPVVFQGLSLVSHAPGEALARAPRTSCSGSGERESPERKLLQGPMIDISE
KLCSTCDQTFQNHQEQREHYKLDWHRFNLKQRLKDKPLLALDFEKQSSTGDLSSISGSESDSASEED
LQTLDRERATFEKLSRPPGFYPHRVLFQNAQQQFLYAYRCVLPHPQDPPEEAELLQNLQSRGPRDCVVL
MAAAGHFAGAFQGREVVTHKTFHRYTVRAKRGTAQGLRDARGGSPHSAGANLRRYNEATLYKDVRDLLA
GPSWAKALEEAGTILLRAPRSGRSLFFGGKGAPLQRGDPRLWDIPLATRRPTFQELQRVLHKLTTLHVYE
EDPREAVRLHSPQTHWKTVREERKKPTEEEIRKICRDEKEALGQNEESPKQSGSEGEDGFQVELELVEL
TVGTLDLCESEVLPKRRRRKRKKEKSRDQEAGAHRTLLQQTQEEEPSTQSSQVAAPLGPLLDEAKAPG
QPELWNALLAACRAGDVGLKQLAPSPADPRVLSLLSAPLGSGGFTLLHAAAAAGRSVVRLLLEAGAD
PTVQDSRARPPYTVAADKSTRNEFRRFMEKNPDAYDYNKAQVPGPLTPEMEARQATRKREQKAARRQREE
QQQRQQEQEEREREERQRFQALSDREKRALAAERRLAAQLGAPTSPIPDSIAIVNTRRCWSCGASLQGLTP
FHYLDFSFCTRCLQDHRRQAGRPSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

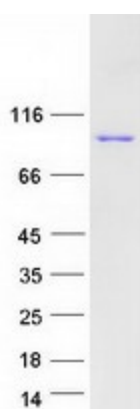
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_060559</u>



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RefSeq Size:	2594
RefSeq ORF:	2178
Synonyms:	Vms1; ZNF744
Locus ID:	55139
UniProt ID:	Q9H8Y5
Cytogenetics:	2q35
Summary:	Plays a role in the cellular response to hydrogen peroxide and in the maintenance of mitochondrial integrity under conditions of cellular stress (PubMed:28302725). Involved in the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ANKZF1 protein (Cat# [TP301054]). The protein was produced from HEK293T cells transfected with ANKZF1 cDNA clone (Cat# [RC201054]) using MegaTran 2.0 (Cat# [TT210002]).