

Product datasheet for PH300140

ANKZF1 (NM_001042410) Human Mass Spec Standard

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | ANKZF1 MS Standard C13 and N15-labeled recombinant protein (NP_001035869) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC200140 |
| Predicted MW: | 80.9 kDa |
| Protein Sequence: | >RC200140 protein sequence Red=Cloning site Green=Tags(s) |

MSPAPDAAPAPASISLFDLSADAPVVFQGLSLVSHAPGEALARAPRTSCSGSGERESPERKLLQGPMIDISE
KLCSTCDQTFQNHQEQREHYKLDWHRFNLKQRLKDKPLLALDFEKQSSTGDLSSISGSESDSASEED
LQTLDRERATFEKLSRPPGFYPHRVLFQNAQQGFLYAYRCVLPHPQDPPEEAELLQNLQSRGPRDCVVL
MAAAGHFAGAFQGREVVTHKTFHRYTVRAKRGTAQGLRDARGGSPHSAGANLRRYNEATLYKDVRDLLA
GPSWAKALEEAGTILLRAPRSGRSLFFGGKGAPLQRGDPRLWDIPLATRRPTFQELQRVLHKLTTLHVYE
EDPREAVRLHSPQTHWKTVREERKKPTEEEIRKICRDEKEALGQNEESPKQSGSEGEDGFQVELELVEL
TVGTLDLCESEVLPKRRRRKRKKEKSRDQEAGAHRTLLQQTQEEEPSTQSSQVAAPLGPLLDEAKAPG
QPELWNALLAACRAGDVGLKQLAPSPADPRVLSLLSAPLGGSGFTLLHAAAAAGRSVVRLLLEAGAD
PTVQDSRARPPYTVAADKSTRNEFRFMEKNPDAYDYNKAQVPGPLTPEMEARQATRKREQKAARRQREE
QQQRQQEQEEREREERQRRFAALSDREKRALAAERRLAAQLGAPTSPIDSAIVNTRRCWSCGASLQGLTP
FHYLDFSFCTRCLQDHRRQAGRPSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

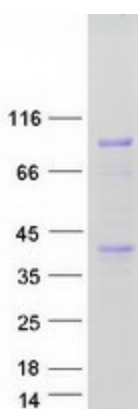
| | |
|------------------|--|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| 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_001035869 |



[View online »](#)

| | |
|---------------|---|
| RefSeq Size: | 2521 |
| 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# [TP300140]). The protein was produced from HEK293T cells transfected with ANKZF1 cDNA clone (Cat# [RC200140]) using MegaTran 2.0 (Cat# [TT210002]).