

Product datasheet for TP300140M

ANKZF1 (NM_001042410) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ankyrin repeat and zinc finger domain containing 1 (ANKZF1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200140 protein sequence Red=Cloning site Green=Tags(s)

MSPAPDAAPAPASISLFDLSADAPVFQGLSLVSHAPGEALARAPRTSCSGSGERESPERKLLQGPMDisE
KLFcSTCDQTFQNHQEQREHYKLDWHRFNlKQRLKDKPLLSALDFEKQSSTGDLSSISGSSEDSASASEED
LQTLDRERATFEKLSRPPGFYPhRVLFQNAQQQFLYAYRCVLGPHQDPPEEAELLQNLQSRGPRDCVVL
MAAAGHFAGAIHQGREVvTHKTFHRYTVRAKRGTaQGLRDARGGpSHSAGANLRRYNEATLYKDVrdLLA
GPSWAKALEEAGTILLRAPRSGRSLFFGGKGAPLQRGDPRLWDIPLATRRPTFQELQRVLHKLTLHVYE
EDPREAVRLHSPQTHWKTvREERKKPTEEEIRKICRDEKEALGQNEESPKQGSgSEGEDGFQVELELVEL
TVGTLDLCESEVLPKRRRRKRnKKEKSRDQeAGAHRTLLQQTQEEEPSTQSSQAVAAPLGPLLDEAKAPG
QPELWNALLAACRAGDVGVLKLQLAPSPADPRVLSLLSAPLGSGGFTLLHAAAAAGRGSVvRLLLEAGAD
PTVQDSRARPPYtVAADKSTRNEFRrFMEKNPDayDYnKAQVPGLTPeMEARQATrKREQKAARRQREE
QQQRQEQEEREREeQRrFAALSDREKRALAAERLLAAQLGAPTSPiPDSaiVnTRRCWScGASLQGLTP
FHYLDFsFCSTRCLQDHRRQAGRPSs

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

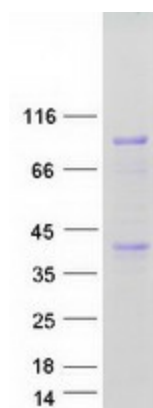
Tag:	C-Myc/DDK
Predicted MW:	80.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001035869
Locus ID:	55139
UniProt ID:	Q9H8Y5
RefSeq Size:	2521
Cytogenetics:	2q35
RefSeq ORF:	2178
Synonyms:	Vms1; ZNF744
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]).