

Product datasheet for PH323110

ANKFY1 (NM_020740) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKFY1 MS Standard C13 and N15-labeled recombinant protein (NP_065791)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223110
Predicted MW:	54.6 kDa
Protein Sequence:	>RC223110 representing NM_020740 Red=Cloning site Green=Tags(s)

MAEEEVAKLEKHLMLLRQEYVKLQKLAETEKRCALLAAQANKESSESFISRLLAIVADLYEQEQYSDL
KIKVGDRIHSAHKFVLAARSDSWLANLSSSTKELDLSDANPEVTMTLRWIYTDELEFREDDVFLTELMK
LANRFQLQLLRERCEKGVMSLVNVRNCIRFYQTAEELNASTLMNYCAEIIASHWDDLKEDFSSMSAQLL
YKMIKSKTEYPLHKAIAIKVEREDVVFLYL IEMDSQLPGKLEADHNGDLALDLALSRRLESIATTLVSHKA
DVMVDKSGWLLHKGIRGDLFAATFLIKNGAFVNAATLGAQETPLHLVALYSSKKHSADVMSEMAQIA
EALLQAGANPNMQDSKGRTPLVHSIMAGNEYVFSQLLQCKQLDLELKDHEGSTALWLAVQHITVSSDQSV
NPFEDVPVNGTSFDENSFAARLIQRGSHTDAPDTATGKARASRRGDAGVCRREQEMACKCLHPKFRN

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:	<u>NP_065791</u>
RefSeq Size:	1904
RefSeq ORF:	1461
Synonyms:	ANKHZN; DKFZp686M19106; KIAA1255; ZFYVE14



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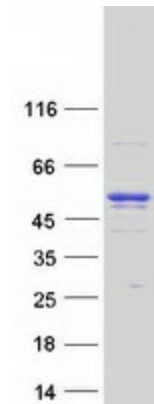
Locus ID: 51479

UniProt ID: [Q9P2R3](#)

Cytogenetics: 17p13.2

Summary: This gene encodes a cytoplasmic protein that contains a coiled-coil structure and a BTB/POZ domain at its N-terminus, ankyrin repeats in the middle portion, and a FYVE-finger motif at its C-terminus. This protein belongs to a subgroup of double zinc finger proteins which may be involved in vesicle or protein transport. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, Apr 2012]

Product images:



Coomassie blue staining of purified ANKFY1 protein (Cat# [TP323110]). The protein was produced from HEK293T cells transfected with ANKFY1 cDNA clone (Cat# [RC223110]) using MegaTran 2.0 (Cat# [TT210002]).