

Recombinant Human ANKFY1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANKFY1-3931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANKFY1 MS Standard C13 and N15-labeled recombinant protein (NP_065791) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	54.6 kDa
AA Sequence	MAEEEVAKLEKHLMLLRQEYVKLQKKLAETEKRCALLAAQANKESSESFISRLLAIV ADLYEQEQYSDLKIKVGD RHISAHKFVLAARSDSWSLANLSSTKELDLSDANPEVTM TMLRWIYTDELEFREDDVFLTELMKLANRFQLQLLRERCEKGVMSLVNVRNCIRFYQ TAEELNASTLMNYCAEIIASHWDDLKEDFSSMSAQLLYKMIKSKTEYPLHKAIKVER EDVVFLYLIEMDSQLPGKLN EADHNGDLALD LALSRRLESIATTLVSHKADVDMVDK SGWSLLHKG IQRGDLFAATFLIKNGAFVNAATLGAQETPLHLVALYSSKKHSADVMS EMAQIAEALLQAGANPNMQDSKGRTP LHVSIMAGNEYVFSQLLQCKQLDLELKDHE GSTALWLAVQHITVSSDQSVNPFEDVPV VNGTSFDENSFAARLIQRGSHTDAPDTAT

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	GKARASRRGDAGVCRRQEMACKCLHPKFRNTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ANKFY1 ankyrin repeat and FYVE domain containing 1 [Homo sapiens (human)]
Official Symbol	ANKFY1
Synonyms	ANKFY1; ankyrin repeat and FYVE domain containing 1; ankyrin repeat and FYVE domain-containing protein 1; ANKHZN; KIAA1255; ZFYVE14; Rabankyrin-5; ankyrin repeat hooked to zinc finger motif; ankyrin repeats hooked to a zinc finger motif; DKFZp686M19106;
Gene ID	51479
mRNA Refseq	NM_020740
Protein Refseq	NP_065791

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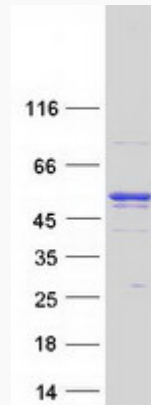
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MIM 607927

UniProt ID Q9P2R3

SDS-PAGE



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