

Recombinant Human ANKHD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANKHD1-5946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANKHD1 MS Standard C13 and N15-labeled recombinant protein (NP_078944) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein with multiple ankyrin repeat domains and a single KH-domain. The protein is thought to function as a scaffolding protein, and it may be involved in the regulation of caspases and thereby play an antiapoptotic role in cell survival. Alternative splicing results in multiple transcript variants, one of which generates a fusion transcript (MASK-BP3) with the downstream eIF4E-binding protein 3 (EIF4EBP3) gene, resulting in a protein comprised of the ANKHD1 sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments.
Molecular Mass	64.9 kDa
AA Sequence	MLTDSGGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASG VGSSGGGGSGSGTGDDAALDFKLA AAVLRTGGGGGASGSEDEVSEVESFILDQ EDLDNPVLKTTSEIFLSSTAEGADLRTVDPETQARLEALLEAAGIGKLSTADGKAFAD PEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLAEACSDGDVNAVRKL LDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNGKDITPLMAAS

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SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKVLLNEGANIEDHNEN
 GHTPLMEAASAGHVEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDMVRFLLEA
 GADQEHKTDEMHTALMEACMDGHVEVARLLLDSCAQVNMPADSFESPLTLAACGG
 HVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALLLAQGANINAQTEETQE
 TALTLACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYLLASGANVHAT
 TATGDTALTYACENGHTDVADVLLQAGADLDKQEDMKTILEGIDPAKHQVRVAFDAC
 KLLRKETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 ANKHD1 ankyrin repeat and KH domain containing 1 [Homo sapiens (human)]

Official Symbol ANKHD1

Synonyms ANKHD1; ankyrin repeat and KH domain containing 1; ankyrin repeat and KH domain-containing protein 1; FLJ10042; FLJ11979; FLJ14127; FLJ20288; KIAA1085; MASK; HIV-1 Vpr-binding ankyrin repeat protein; multiple ankyrin repeats, single KH-domain homolog; VBARP; PP2500;

Gene ID 54882

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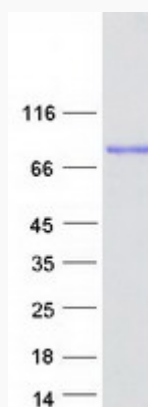
mRNA Refseq [NM_024668](#)

Protein Refseq [NP_078944](#)

MIM [610500](#)

UniProt ID [Q8IWZ3](#)

SDS-PAGE



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