

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

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

## SPECIFICATION

<b>Product Overview</b>	ANKHD1 MS Standard C13 and N15-labeled recombinant protein (NP_078944) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	64.9 kDa
<b>AA Sequence</b>	MLTDSGGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASG VGSSGGGGSGSGTGDDAALDFKLA AAVLRTGGGGGASGSDEDEVSEVESFILDQ EDLDNPVLKTTSEIFLSSTAEGADLRTVDPETQARLEALLEAAGIGKLSTADGKAFAD PEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLAEACSDGDVNAVRKL LDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNGKDITPLMAAS

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SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKVLNNEGANIEDHNEN  
 GHTPLMEAASAGHVEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDMVRFLLEA  
 GADQEHTDEMHTALMEACMDGHVEVARLLLDSCAQVNMPADSFESPLTLAACGG  
 HVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALLLAQGANINAQTEETQE  
 TALTLACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYLASGANVHAT  
 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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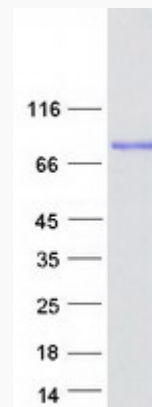
mRNA Refseq [NM\\_024668](#)

Protein Refseq [NP\\_078944](#)

MIM [610500](#)

UniProt ID [Q8IWZ3](#)

SDS-PAGE



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