

## Recombinant Human ANKHD1 protein, GST-tagged

Cat. No. ANKHD1-565H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ANKHD1 full-length ORF ( NP_078944.2, 1 a.a. - 627 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<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. [provided by RefSeq, Sep 2010]
<b>Molecular Mass</b>	91.3 kDa
<b>AA Sequence</b>	MLTDSGGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASG VGSSGGGGSGSGTGGGDAALDFKLAAAVLRTGGGGGASGSDEDEVSEVESFILDQ EDLDNPVLKTTSEIFLSSTAEGADLRTVDPETQARLEALLEAAGIGKLSTADGKAFAD PEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLAEACSDGDVNAVRKL LDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNKGDITPLMAAS SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKVLLNEGANIEDHNEN

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GHTPLMEAASAGHVEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDMVRFLLEA  
 GADQEHKTDEMHTALMEACMDGHVEVARLLDSDGAQVNMPADSFESPLTLAACGG  
 HVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALLAQQGANINAQTEETQE  
 TALTLACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYL LASGANVHAT  
 TATGDTALTYACENGHTDVADVLLQAGADLDKQEDMKTILEGIDPAKHQVRVAFDAC  
 KLLRKE

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

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

**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](#)

**mRNA Refseq**

[NM\\_001197030](#)

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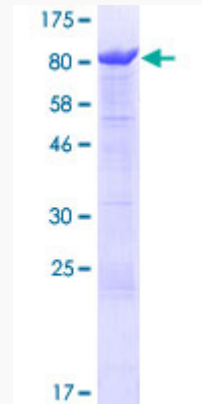
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**Protein Refseq** NP\_001183959

**MIM** 610500

**UniProt ID** Q8IWZ3



12.5% SDS-PAGE Stained with Coomassie Blue.

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