

Recombinant Human ANKHD1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ANKHD1 full-length ORF (NP_078944.2, 1 a.a. - 627 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Sep 2010]
Molecular Mass	91.3 kDa
AA Sequence	MLTDSGGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASG VGSSGGGGSGSGTGDDAALDFKLAAVLRRTGGGGGASGSDEDEVSEVESFILDQ EDLDNPVLKTTSEIFLSSTAEGADLRTVDPETQARLEALLEAAGIGKLSTADGKAFAD PEVLRRLTSSVSCALDEAAAAALTRMKAENSHNAGQVDTRSLAEACSDGDVNAVRKL LDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNGKDITPLMAAS SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKVLNNEGANIEDHNEN

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GHTPLMEAASAGHVEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDMVRFLLEA
 GADQEHKTDDEMHTALMEACMDGHVEVARLLDLSGAQVNMPADSFESPLTLAACGG
 HVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALLLAQGANINAQTEETQE
 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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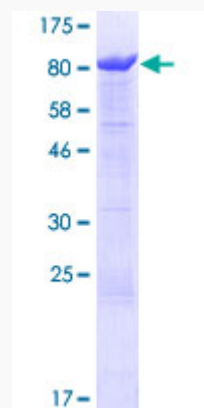
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Protein Refseq NP_001183959

MIM 610500

UniProt ID Q8IWZ3



12.5% SDS-PAGE Stained with Coomassie Blue.

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