

## Product datasheet for **TP322623M**

### **ANKHD1 (NM\_024668) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human ankyrin repeat and KH domain containing 1 (ANKHD1), transcript variant 3, 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC222623 representing NM\_024668  
**Red**=Cloning site **Green**=Tags(s)

MLTDSGGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASGVGSSGGGGSGSGTGG  
GDAALDFKLA AVLRTGGGGGASGSDEDEVSEVESFILDQEDLDNPVLKTTSEIFLSSTAEGADLRTVDP  
ETQARLEALLEAAGIGKLSTADGKAFADPEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLA  
EACSDGDVNAVRKLLDEGRSVNEHTEEGESLLCLACSAGYELAQVLLAMHANVEDRGNKGDITPLMAAS  
SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKLLNEGANIEDHNENGHHTPLMEAASAGH  
VEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDMVRFLEAGADQEHKTDEMHTALMEACMDGHV  
EV  
ARLLDLSGAQVNMPADSFESPLTLAACGGHVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALL  
LAQGANINAQTEETQETALTLACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYL LASGAN  
VHATTATGDTALTYACENGHTDVADVLLQAGADLDKQEDMKTILEGIDPAKHQVRVAFDACKLLRKE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

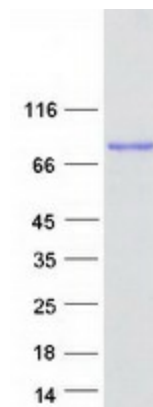
**Tag:** C-Myc/DDK  
**Predicted MW:** 64.7 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_078944</a>
<b>Locus ID:</b>	54882
<b>UniProt ID:</b>	<a href="#">Q8IWZ3</a>
<b>RefSeq Size:</b>	2194
<b>Cytogenetics:</b>	5q31.3
<b>RefSeq ORF:</b>	1881
<b>Synonyms:</b>	MASK; MASK1; PP2500; VBARP
<b>Summary:</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]

### Product images:



Coomassie blue staining of purified ANKHD1 protein (Cat# [TP322623]). The protein was produced from HEK293T cells transfected with ANKHD1 cDNA clone (Cat# [RC222623]) using MegaTran 2.0 (Cat# [TT210002]).