

Product datasheet for PH322623

ANKHD1 (NM_024668) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKHD1 MS Standard C13 and N15-labeled recombinant protein (NP_078944)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222623
Predicted MW:	64.9 kDa
Protein Sequence:	>RC222623 representing NM_024668 Red=Cloning site Green=Tags(s)

MLTDSGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASGVGSSGGGSGSGTGG
GDAALDFKLAAAVLRTGGGGGASGSEDEVSEVESFILDQEDLNPVVKTTSEIFLSSTAEGADLRTVDP
ETQARLEALLEAAGIGKLSTADGKAFADPEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLA
EACSDGDVNAVRKLLDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNKGDITPLMAAS
SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKVLNNEGANI EDHNENGHTPLMEASAGH
VEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDMVRFLEAGADQEHKTEMHTALMEACMDGHVEV
ARLLLDSGAQVNMPADSFESPLTLAACGGHVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALL
LAQGANINAQTEETQETALTLACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYL LASGAN
VHATTATGDTALTYACENGHTDVADVLLQAGADLDKQEDMKTILEGIDPAKHQVRVAFDACKLLRKE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_078944
RefSeq Size:	2194
RefSeq ORF:	1881



[View online »](#)

Synonyms: MASK; MASK1; PP2500; VBARP

Locus ID: 54882

UniProt ID: [Q8IWZ3](#)

Cytogenetics: 5q31.3

Summary: 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]).