

## Product datasheet for TP320310L

### ANKS4B (NM\_145865) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ankyrin repeat and sterile alpha motif domain containing 4B (ANKS4B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220310 representing NM_145865 Red=Cloning site Green=Tags(s)

MSTRYHQAASDSYLELLKEATKRDLNLSDEDEGMTPTLLAAYHGNLEALEIICSRGGDPDRCDIWGNTPLH  
FAASNGHAHCVSFLVNFANIFALDNDLQTPLDAAASREQNECVALLDKAATAQNMNPKKVTRELKEQAQ  
KNARRQIKECERLQEKHQNKMAHTYSKEESGTLSSSKGTFSSPSNASAPGTFGSLSKGKIDTFKIKFK  
KNKDTEAQVGKEGRSGQRNVMEVFREEEEDSFGDFKEKLQLSAEEDGSVHHESILNRPGLGSIVFRRNR  
ISSPEDISDSKREFGFKLPSELLQRQGASEADEGADEEGEENGLKDDL PWDDDEVEWEEDVVDATPLEV  
FLLSQHLEEFPIFKREQIDLEALLCSDEDLQSIQMQLGPRKKVLNAINRRKQVLQPGQLVDTSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.4 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_665872</a></u>



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Locus ID: 257629

UniProt ID: [Q8N8V4](#)

RefSeq Size: 2906

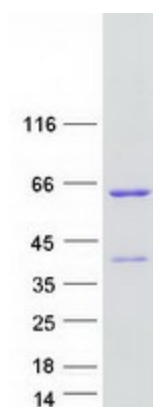
Cytogenetics: 16p12.2

RefSeq ORF: 1251

Synonyms: HARP

**Summary:** As part of the intermicrovillar adhesion complex/IMAC plays a role in epithelial brush border differentiation, controlling microvilli organization and length. Plays a role in assembly of the complex (PubMed:26812018). May play a role in cellular response to endoplasmic reticulum stress (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified ANKS4B protein (Cat# [TP320310]). The protein was produced from HEK293T cells transfected with ANKS4B cDNA clone (Cat# [RC220310]) using MegaTran 2.0 (Cat# [TT210002]).