

Product datasheet for PH320310

ANKS4B (NM_145865) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKS4B MS Standard C13 and N15-labeled recombinant protein (NP_665872)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220310
Predicted MW:	47 kDa
Protein Sequence:	>RC220310 representing NM_145865 Red=Cloning site Green=Tags(s)

MSTRYHQAAASDSYLELLKEATKRDNLNLSDEDGMTPTLLAAYHGNLEALEIICSRGGDPDRCDIWGNTPLH
FAASNGHAHCVSFLVNFGANIFALDNDLQTPDAAASREQNECVALLDKAATAQNIMNPKKVTRLKEQAQ
KNARRQIKECERLQEKHQNKMAHTYSKEESGTLSSSKGTF SRSSPSNASAPGTFGSLSKGIKDTFKIKFK
KNKDTAEQVQKEGRSQQRNVMEVFREEEEDSFSGDFKEKLQLSAEEDGSVHHESILNRPGLGSIVFRRNR
ISSPEDI SSKREFGFKLPSELLQRQGASEADEGADEEGEENGLKDDL PWDDDEVEWEEDVVDATPLEV
FLLSQHLEEF LPIFKREQIDLEALLLCSDEDLQSIQMLGPRKKVLNAINRRKQVLQQPQGLVDTSL

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:	<u>NP_665872</u>
RefSeq Size:	2906
RefSeq ORF:	1251
Synonyms:	HARP
Locus ID:	257629



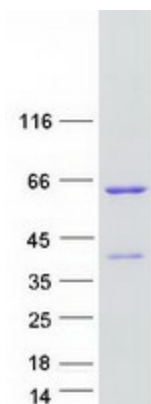
[View online »](#)

UniProt ID: [Q8N8V4](#)

Cytogenetics: 16p12.2

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]).