

Product datasheet for PH322381

ANKS6 (NM_173551) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKS6 MS Standard C13 and N15-labeled recombinant protein (NP_775822)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222381
Predicted MW:	92.2 kDa
Protein Sequence:	>RC222381 representing NM_173551 Red=Cloning site Green=Tags(s)

MGEGGLPPAFQLLL RACDQGD TETARRLLEPGA AEP AERGA EPEAGA EPAGAEVAGPGAAAAGAVGAPVP
VDCSDEAGNTALQFAAAGGHEPLVRFLRRGASVNSRNHYGWSALMQAARFGHVSVAHL LLDHGADVNAQ
NRLGASVLTVASRGGHLGVV KLLLEAGAFVDHHP SGEQLGLGGSRDEPLDIT ALMAAIQHGEAVVRL L
MEWGADPNHAARTVGWSPLMLAALTGRLGVAQQLVEKGANPDHLSVLEKTA FEVALDCKHRDLVDYLDPL
TTVRPKTDEEKRRPDI FHALKMGNFQLVKEIADEDP SHVNLVNGDGATPLMLAAVTGQLALVQLL VERHA
DVDKQDSVHGWTALMQATYHGNKEIVKYLLNQGADVTLRAKNGYAFDLVMLLNDPDEL VRL LASVCMQ
VNKDKGRPSHQPLPHSKVRQPWSIPVLPDDKGLKSWWNRMSNRFRKLKMQTLPRGLSSNQPLPF SDE
PEPALDSTMRAAPQDKTSRSALPDAAPVTKDNGPGSTRGEKEDTLLTTMLRNGAPLTRLPSDKLKAVIPP
FLPPSSFELWSSDRSRTRHNGKADPMKTALPQRASRGHPVGGGGTDTTPVRPVKFP SPLRSPASSANS GN
FNHSPHSSGGSSGVGSRHGELLNRSGGSIDNVL SQIAAQRKKAAGLLEQKPSHRSSPVG PAPGSSPSE
LPASPAGGSAPVGK KLET SKRPPSGTSTT SKSTSP TLPSPSPKGHTAESSVSSSSSHRQSKSSGGSSSG
TITDEDEL TGILK KLSLEKYQPIFEEQEVDMEAF LTLTDGDLKELGIKTDGSRQQILAAI SELNAGKGRE
RQILQETIHNHFHSSFESSASNTRAPGN SPCA

TRRLEQKLI 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.

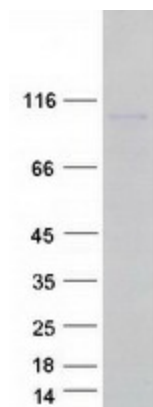


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RefSeq:	NP_775822
RefSeq Size:	7147
RefSeq ORF:	2613
Synonyms:	ANKRD14; NPHP16; PKDR1; SAMD6
Locus ID:	203286
UniProt ID:	Q68DC2 , B3KXP1
Cytogenetics:	9q22.33

Summary: This gene encodes a protein containing multiple ankyrin repeats and a SAM domain. It is thought that this protein may localize to the proximal region of the primary cilium, and may play a role in renal and cardiovascular development. Mutations in this gene have been shown to cause a form of nephronophthisis (NPHP16), a chronic tubulo-interstitial nephritis. [provided by RefSeq, Jul 2015]

Product images:



Coomassie blue staining of purified ANKS6 protein (Cat# [TP322381]). The protein was produced from HEK293T cells transfected with ANKS6 cDNA clone (Cat# [RC222381]) using MegaTran 2.0 (Cat# [TT210002]).