

## Product datasheet for TP322381L

### ANKS6 (NM\_173551) Human Recombinant Protein

#### Product data:

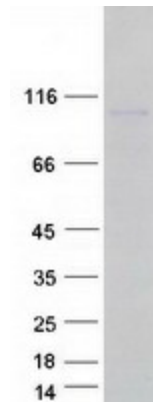
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ankyrin repeat and sterile alpha motif domain containing 6 (ANKS6), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC222381 representing NM_173551 Red=Cloning site Green=Tags(s)
	<p>MGEGGLPPAFQLLLACDQGDTEARRLLEPGAAEPAERGAEPEAGAEPAGAIEVAGPGAAAAGAVGAPVP VDCSDEAGNTALQFAAAGGHEPLVRFLLRRGASVNSRNHYGWSALMQAARFGHVSVHLLLDHGADVNAQ NRLGASVLTVASRGGHLGVVKKLLLEAGAFVDHHHPSGEQLGLGGSRDEPLDITALMAAIQHGHEAVRLL MEWGADPNHAARTVGVWSPLMLAALTGRLGVAQQQVKEKGANPDHLSVLEKTAFEVALDCKHRDLVDYLDPL TTVRPKTDEEKRRPDIFHALKMGNFQLVKEIAEDPSHVNLVNGDGATPLMLAAVTGQLALVQLLVERHA DVDKQDSVHGWTALMQATYHGNKEIVKLLNQGADVTLRAKNGYAFDLVMLLNDPDELVRLLASVCMQ VNKDKGRPSHQPLPHSKVRQPWSIPVLPDDKGGKSWWNRMSNRFRKLKLMQTLPRGLSSNQPLPFSDE PEPALDSTMRAAPQDKTSRSALPDAAPVTKDNGPGSTRGEKEDLLTTLMLRNGAPLTRLPSDKLKAVIPP FLPSSSFELWSSDRSRTRHNGKADPMKTALPQRASRGHPVGGGGTDTTPVRPVKFPSPRSPASSANSNGN FNHSPHSSGGSSGVSRHGGELLNRSRGSIDNVLSQIAAQKKAAGLLEQKPSHRSSPVGPAGSSPSE LPASPAGGSAPVGKLETSKRPPSGTSTTSKSTSPTLTPSPSPKGHTAESSVSSSSSHRQSKSSGGSSSSG TITDEDELTKILKLSLEKYQPIFEEQEVDMEAFLLTDGDLKELGIKTDGSRQQILAAISELNAGKGRE RQILQETIHNHSSFESSASNTRAPGNPC</p> <p>TRRLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	92 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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_775822</a>
<b>Locus ID:</b>	203286
<b>UniProt ID:</b>	<a href="#">Q68DC2</a> , <a href="#">B3KXP1</a>
<b>RefSeq Size:</b>	7147
<b>Cytogenetics:</b>	9q22.33
<b>RefSeq ORF:</b>	2613
<b>Synonyms:</b>	ANKRD14; NPHP16; PKDR1; SAMD6
<b>Summary:</b>	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]).