

Recombinant Human ANKS6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANKS6-1217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANKS6 MS Standard C13 and N15-labeled recombinant protein (NP_775822) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	92.2 kDa
AA Sequence	MGEGLPPAFQLLLACDQGDTEARRLLEPGAAEPAERGAEEPAEAGAEPAEVA GPGAAAAGAVGAPVPVDCSDEAGNTALQFAAAGGHEPLVRFLRRGASVNSRNHY GWSALMQAARFGHVSAHLLLDHGADVNAQNRLGASVLTVASRGGHGLGVVKKLLLE AGAFVDHHHPSGEQLGLGGSRDEPLDITALMAAIQHGHEAVVRLMEWGADPNHA ARTVGWSPLMLAALTGRLGVAQQLVEKGANPDHLSVLEKTAFEVALDCKHRDLVDY LDPLTTVRPKTDEEKRRPDIFHALKMGNFQLVKEIADEDPSHVNLVNGDGATPLMLA AVTGQLALVQLLVERHADVDKQDSVHGWTALMQATYHGNKEIVKYLNLNQGADVTLR AKNGYTAFDLVMLLNDPDTLVRLASVCMQVNKDKGRPSHQPPPLPHSKVRQPWSI

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PVLPDDKGGLKSWWNRMSNRFRKLKLMQTLPRGLSSNQPLPFSDEPEPALDSTMR
 AAPQDKTSRSALPDAAPVTKDNGPGSTRGEKEDTLLTTMLRNGAPLTRLPSDKLKA
 VIPPFLPPSSFELWSSDRSRTRHNGKADPMKTALPQRASRGHPVGGGGTDTTPVR
 PVKFPSPRSPASSANSNGNFNHSPHSSGGSSGVGVS RHGGELLNRSGGSIDNVLS
 QIAAQRKKAAGLLEQKPSHRSSPVGPAPGSSPSELPASPAGGSAPVGKKLET SKRP
 PSGTSTTSKSTSPTLTPSPSPKGHTAESSVSSSSSHRQSKSSGGSSSGTITDEDELT
 GILKKLSLEKYQPIFEEQEVDMEAFLTLTDGDLKELGIKTDGSRQQILAAISELNAGKG
 RERQILQETIHNFHSSFESSASNTRAPGNPCATTRLEQKLISEEDLAANDILDYKDD
 DDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ANKS6 ankyrin repeat and sterile alpha motif domain containing 6 [Homo sapiens (human)]

Official Symbol ANKS6

Synonyms ANKS6; ankyrin repeat and sterile alpha motif domain containing 6; PKDR1; SAMD6; NPHP16; ANKRD14; ankyrin repeat and SAM domain-containing protein 6; SAM domain-containing protein 6; ankyrin repeat domain 14; samCystin

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Gene ID	203286
mRNA Refseq	NM_173551
Protein Refseq	NP_775822
MIM	615370
UniProt ID	Q68DC2
SDS-PAGE	