

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

MGEGGLPPAFQLLL RACDQGDTETARRLLEPGAAEPAERGAEPEAGAEPAGAEVA
 GPGAAAAGAVGAPVPVDCSDEAGNTALQFAAAGGHEPLVRFLRRGASVNSRNHY
 GWSALMQAARFGHVSVAHLLLDHGADVNAQNRLGASVLTVASRGGHLGVVKKLLE
 AGAFVDHHHPSGEQLGLGGSRDEPLDITALMAAIQHGHEAVRLLMEWGADPNHA
 ARTVGWSPLMLAALTGRLGVAQQLVEKGANPDHLSVLEKTAFEVALDCKHRDLVDY
 LDPLTTVRPKTDEEKRRPDIFHALKMGNFQLVKEIADEDPSHVNLVNGDGATPLMLA
 AVTGQLALVQLLVERHADVDKQDSVHGWTALMQATYHGNKEIVKYL NQGADVTLR
 AKNGYTAFDLVMLLNDPDELVRLLASVCMQVNKDKGRPSHQPLPHSKVRQPWSI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PVLPDDKGGGLKSWWNRMSNRFRKLKLMQTLPRGLSSNQPLPFSDEPEPALDSTMR
 AAPQDKTSRSALPDAAPVTKDNGPGSTRGEKEDTLLTTMLRNGAPLTRLPSDKLKA
 VIPPFLPPSSFELWSSDRSRTRHNGKADPMKTALPQRASRGHPVGGGGTDTTPVR
 PVKFPSPRSPASSANSNGFNHSPHSSGGSSGVGVSRRHGGELLNRSGGSIDNVLS
 QIAAQRKKAAGLLEQKPSHRSSPVGPAPGSSPSELPASPAGGSAPVGKKLETSKRP
 PSGTSTTSKSTSPTLTPSPSPKGHTAESSVSSSSSHRQSKSSGGSSSGTITDEDEL
 GILKKLSLEKYQPIFEEQEVDMEAFLLTDGDLKELGIKTDGSRQQILAAISELNAGKG
 RERQILQETIHNHSSFESSASNTRAPGNPCATRRLEQKLISEEDLAANDILDYKDD
 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID 203286

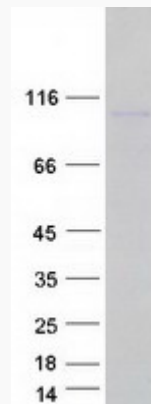
mRNA Refseq NM_173551

Protein Refseq NP_775822

MIM 615370

UniProt ID Q68DC2

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA