Recombinant Full Length Human ANKS6 Protein, GST-tagged

Cat. No. ANKS6-1419HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANKS6 full-length ORF (AAH64367.1, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	471 amino acids
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. [provided by RefSeq, Jul 2015]
Molecular Mass	76.4 kDa
AA Sequence	MLLNDPDTEL VRLLASVCMQ VNKDKGRPSH QPPLPHSKVR QPWSIPVLPD DKGGLKSWWN RMSNRFRKLK LMQTLPRGLS SNQPLPFSDE PEPALDSTMR AAPQDKTSRS ALPDAAPVTK DNGPGSTRGE KEDTLLTTML RNGAPLTRLP SDKLKAVIPP FLPPSSFELW SSDRSRTRHN GKADPMKTAL PQRASRGHPV GGGGTDTTPV RPVKFPSLPR SPASSANSGN FNHSPHSSGG SSGIGVSRHG GELLNRSGGS IDNVLSQIAA QRKKAAGLLE QKPSHRSSPV GPAPGSSPSE LPASPAGGSA PVGKKLETSK RPPSGTSTTS KSTSPTLTPS PSPKGHTAES SVSSSSSHRQ SKSSGGSSSG TITDEDELTG ILKKLSLEKY QPIFEEQEVD

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	MEAFLTLTDG DLKELGIKTD GSRQQILAAI SELNAGKGRE RQILQETIHN FHSSFESSAS NTRAPGNSPC A
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ANKS6 ankyrin repeat and sterile alpha motif domain containing 6 [Homo sapiens]
Official Symbol	ANKS6
Synonyms	SAMD6; ANKRD14
Gene ID	203286
mRNA Refseq	NM_173551.3
Protein Refseq	NP_775822.3
MIM	615370
UniProt ID	Q68DC2

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