

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	MLLNDPDTTEL VRLASVCMQ VNKDKGRPSH QPPLPHSKVR QPWSIPVLPD DKGGLKSWWN RMSNRFRKLK LMQTLPRGLS SNQPLPFSDE PEPALDSTMR AAPQDKTSRS ALPDAAPVTK DNGPGSTRGE KEDTLLTTML RNGAPLTRLP SDKLKAVIPP FLPPSSFELW SSDRSRTRHN GKADPMKTAL PQRASRGHPV GGGGTDTPV RPKVKFSLPR SPASSANSNGN FNHSPHSSGG SSGIGVSRHG GELLNRSGGS IDNVLSQIAA QRKKAAGLLE QKPSHRSSPV GPAPGSSPSE LPASPAGGSA PVGKKLETSK RPPSGTSTTS KSTSPTLTPS PSPKGHTAES SVSSSSSHRQ SKSSGGSSSG TITDEDELTG ILKKLSLEKY QPIFEEQEVD

 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

MEAFLTLTDG DLKELGIKTD GSRQQILAAI SELNAGKGRE RQILQETIHN
FHSSFESSAS NTRAPGNPC 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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