

Recombinant Full Length Human AHNAK Protein, GST-tagged

Cat. No. AHNAK-947HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AHNAK full-length ORF (NP_076965.2, 1 a.a. - 149 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	149 amino acids
Description	The protein encoded by this gene is a large (700 kDa) structural scaffold protein consisting of a central domain with 128 aa repeats. The encoded protein may play a role in such diverse processes as blood-brain barrier formation, cell structure and migration, cardiac calcium channel regulation, and tumor metastasis. A much shorter variant encoding a 17 kDa isoform exists for this gene, and the shorter isoform initiates a feedback loop that regulates alternative splicing of this gene. [provided by RefSeq, Oct 2016]
Molecular Mass	42.5 kDa
AA Sequence	MEKEETTREL LLPNWQGSGS HGLTIAQRDD GV FVQEVTQN SPAARTGVVK EGDQIVGATI YFDNLQSGEV TQLLNTMGHH TVGLKLHRKG DRSPPEPGQTW TREV FSSCSS EVVLNTPQPS ALECKDQNKQ KEASSQAGAV SVSTPNAGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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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 AHNAK AHNAK nucleoprotein [Homo sapiens]

Official Symbol AHNAK

Synonyms AHNAK; AHNAK nucleoprotein; AHNAK nucleoprotein (desmoyokin); neuroblast differentiation-associated protein AHNAK; desmoyokin; MGC5395; AHNAK-related; AHNAKRS

Gene ID 79026

mRNA Refseq NM_001620

Protein Refseq NP_001611

MIM 103390

UniProt ID Q09666

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