Recombinant Human AHNAK Protein, GST-tagged

Cat. No. AHNAK-460H **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	Wheat Germ
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	MEKEETTRELLLPNWQGSGSHGLTIAQRDDGVFVQEVTQNSPAARTGVVKEGDQIV GATIYFDNLQSGEVTQLLNTMGHHTVGLKLHRKGDRSPEPGQTWTREVFSSCSSEV VLNTPQPSALECKDQNKQKEASSQAGAVSVSTPNAGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

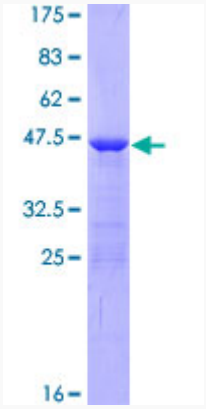
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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