

Recombinant Full Length Human AHNAK Protein, C-Flag-tagged

Cat. No. AHNAK-1296HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AHNAK Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	15.9 kDa
AA Sequence	MEKEETTRELLLPNWQGSGSHGLTIAQRDDGVFVQEVTQNSPAARTGVVKEGDQIV GATIYFDNLQSGEV TQLLNTMGHHTVGLKLHRKGDRSPEPGQWTREVFSSCSSE VFLNTPQPSALECKDQNKQKEASSQAGAV SVSTPNAGLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Protease
Full Length	Full L.

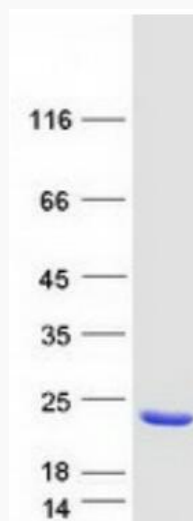
GENE INFORMATION

Gene Name	AHNAK AHNAK nucleoprotein [Homo sapiens (human)]
Official Symbol	AHNAK
Synonyms	PM227; AHNAK1; AHNAKRS
Gene ID	79026
mRNA Refseq	NM_024060.4
Protein Refseq	NP_076965.2
MIM	103390
UniProt ID	Q9BVU3

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Coomassie blue staining of purified AHNAK protein.

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