

Recombinant Human AHNAK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AHNAK-4827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AHNAK MS Standard C13 and N15-labeled recombinant protein (NP_076965) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	15.9 kDa
AA Sequence	MEKEETTRELLLPNWQSGSGSHGLTIAQRDDGVFVQEVTONSPAARTGVVKEGDQIV GATIFYFDNLQSGEVTQLLNTMGHHTVGLKLHRKGDERSPEPGQWTREVFSSCSSEV FLNTPQPSALECKDQNKQKEASSQAGAVSVSTPNAGLTRTRPLEQKLISEEDLAAND ILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [AHNAK AHNAK nucleoprotein \[Homo sapiens \(human\) \]](#)

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_024060](#)

Protein Refseq [NP_076965](#)

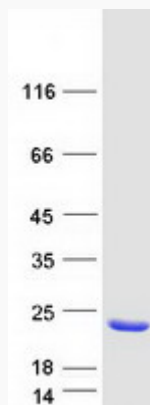
MIM [103390](#)

UniProt ID [Q09666](#)

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SDS-PAGE

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