

Product datasheet for **TP315337**

AHNAK (NM_024060) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human AHNAK nucleoprotein (AHNAK), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215337 representing NM_024060 Red =Cloning site Green =Tags(s)
	 MEKEETTRELLLPNWQSGSHGLTIAQRDDGVFVQEVTONSPAARTGVVKEGDQIVGATIYFDNLQSGEV TQLLNTMGHHTVGLKLRKGDSPGQWTREVFSSCSSEVFLNTPQPSALECKDQNKQKEASSQAGAV SVSTPNAGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	15.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_076965
Locus ID:	79026
UniProt ID:	Q09666 , Q9BVU3
RefSeq Size:	1108



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Cytogenetics: 11q12.3

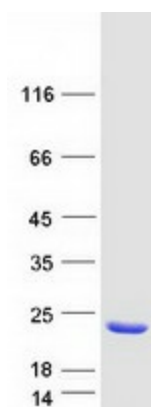
RefSeq ORF: 447

Synonyms: AHNAKRS; PM227

Summary: 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]

Protein Families: Protease

Product images:



Coomassie blue staining of purified AHNAK protein (Cat# TP315337). The protein was produced from HEK293T cells transfected with AHNAK cDNA clone (Cat# [RC215337]) using MegaTran 2.0 (Cat# [TT210002]).