

Recombinant Human AHNAK nucleoprotein Protein, His tagged

Cat. No. AHNAK-026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AHNAK protein (Q09666) (Met 483-Lys 881) with a His tag at the N-terminus and a His tag at the C-terminus was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	483-881aa
Description	Neuroblast differentiation-associated protein AHNAK, also known as desmoyokin, is a protein that in humans is encoded by the AHNAK gene. AHNAK was originally identified in 1989 (in bovine muzzle epidermal cells) and named desmoyokin due to its localization pattern (that resembled a yoke) in the desmosomal plaque. AHNAK has been shown to be essential for pseudopod protrusion and cell migration. AHNAK has been shown to interact with S100B.
Tag	N-His and C-His
Molecular Mass	44.5 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

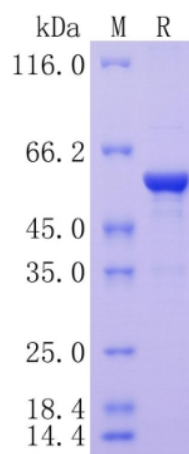
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Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 µg/mL in sterile water.
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_001620
Protein Refseq	NP_001611
MIM	103390
UniProt ID	Q09666

**Protein on SDS-
PAGE under
reducing (R)
condition.**



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