

Recombinant Full Length Human AHNAK2 Protein, GST-tagged

Cat. No. AHNAK2-949HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AHNAK2 full-length ORF (AAH49216.1, 1 a.a. - 483 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	483 amino acids
Description	This gene encodes a large nucleoprotein. The encoded protein has a tripartite domain structure with a relatively short N-terminus and a long C-terminus, separated by a large body of repeats. The N-terminal PSD-95/Disks-large/ZO-1 (PDZ)-like domain is thought to function in the formation of stable homodimers. The encoded protein may play a role in calcium signaling by associating with calcium channel proteins. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017]
Molecular Mass	79.1 kDa
AA Sequence	MRLPETQVLP GEIDETPLSK PGHDLASMED KTEKWSSQPE GPLKLKASST DMPSQISVVN VDQLWEDSVL TVKFPMKLMVP RFSFAAPSSE DDVFIPTVRE VQCPEANIDT ALCKESPLGW GASILKAGAG VPGEQPVLDN LPLEAPPISK VRVHIQGAQV ESQEVTHSI VTPEFVDLSV PRTFSTQIVR ESEIPTSEIQ TPSYGFSLK VKIPEPHTQA RYTTMTQHS RTQEGTEEAP IQATPGVDSI

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SGDLQPD TGE PFEMISSSVN VLGQQTLTFE VPSGHLADS CSDEEPAEIL
 EFPPDDSQEA TTPLADEGRA PKDKPESKKS GLLWFWLPNI GFSSSVDETG
 VDSKNDVQRS APIQTQPEAR PEAELPKKQE KAGWFRFPKL GFSSSPTKKS
 KSTEDGAELE EQKLQEETIT FFDARESFSP EEKEEGELIG PVGTGLDSRV
 MVTSAARTEL ILPEQDRKAD DESKGSGGLGP NEG

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. 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 [AHNAK2 AHNAK nucleoprotein 2 \[Homo sapiens \]](#)

Official Symbol [AHNAK2](#)

Synonyms AHNAK2; AHNAK nucleoprotein 2; C14orf78, chromosome 14 open reading frame 78; protein AHNAK2; C14orf78; KIAA2019

Gene ID [113146](#)

mRNA Refseq [NM_138420](#)

Protein Refseq [NP_612429](#)

MIM [608570](#)

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UniProt ID

Q8IVF2

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