

Recombinant Human AHNAK2 Protein, GST-tagged

Cat. No. AHNAK2-462H **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	Wheat Germ
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/Discs-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	MRLPETQVLPGEIDETPLSKPGHDLASMEDKTEKWSSQPEGPLKLKASSTDMP SQI SVVNVDQLWEDSVLTVKFPKLMVPRFSFAAPSS EDDVFIPTVREVQCPEANIDTALC KESPGLWGASILKAGAGVPGEQPVDLNLPLEAPPISKVRVHIQGAQVESQEVTIHSIV TPEFVDLSVPRTFSTQIVRESEIPTSEIQTPSYGFSLLKVKIPEPHTQARVYTTMTQHS RTQEGTEEAPIQATPGVDSISGDLQPD TGEPFEMISSSVNVLGQQTLTFEVP SGHQL ADSCSDEEPAEILEFPPDDSQEATTPLADEGRAPKDKPESKKSGLLWFWLPNIGFSS SVDETGVDSKNDVQRSAPIQTQPEARPEAELPKKQEKAGWFRFPKLG FSSSPTKKS

 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

	KSTEDGAELEEQKLQEETITFFDARESFSPEEKEEGELIGPVGTGLDSRVMVMTSAAR TELILPEQDRKADDESKGSGGLGPNEG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

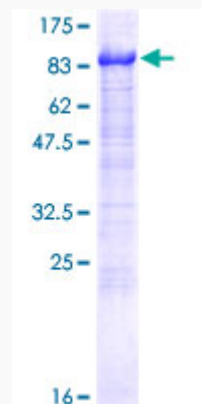
 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q8IVF2

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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