

Recombinant Full Length Human AK8 Protein, GST-tagged

Cat. No. AK8-2583HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C9orf98 full-length ORF (NP_689785.1, 1 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	479 amino acids
Description	AK8 (Adenylate Kinase 8) is a Protein Coding gene. Among its related pathways are Thiamine metabolism and purine nucleotides de novo biosynthesis. GO annotations related to this gene include nucleoside diphosphate kinase activity and cytidylate kinase activity. An important paralog of this gene is AK2.
Molecular Mass	81.3 kDa
AA Sequence	MDATIAPHRIPPEMPQYGEENHIFELMQNMLEQLLIHQPEDPIPFMIQHLHRDNDNVP RIVILGPPASGKTTIAMWLCKHLNSSLTLENLILNEFSYTATEARRLYLQRKTVPSALL VQLIQERLAEEDCIKQGWILDGIPETREQALRIQTLGITPRHVIVLSAPDVTVLIERNLGK RIDPQTGEIYHTTFDWPPSEIQNRLMVPEDISELETAQKLLEYHRNIVRVIPSYPKILK VISADQPCVDVIFYQALTYVQSNHRTNAPFTPRVLLGPGVSGKSLQAALLAQKYRLV NVCCGQLLKEAVADRTTFGELIQPFPEKEMAVPDSLLMKVLSQRLDQQDCIQKGWV LHGVPRLDQAHLLNRLGYNPNRVFFLNVPFDSIMERLTLRRIDPVTGERYHLMYKP PPTMEIQARLLQNPKDAEEQVKLKMDLFYRNSADLEQLYGSAILNGDQDPYTVFEY IESGIINPLPKKIP

 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

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 -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	AK8 adenylate kinase 8 [Homo sapiens]
Official Symbol	AK8
Synonyms	AK8; adenylate kinase 8; C9orf98, chromosome 9 open reading frame 98; FLJ32704; putative adenylate kinase-like protein C9orf98; DDX31; C9orf98; FLJ36014; RP11-143F18.1;
Gene ID	158067
mRNA Refseq	NM_152572
Protein Refseq	NP_689785
MIM	615365
UniProt ID	Q96MA6

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