

Recombinant Full Length Human AK3 Protein, GST-tagged

Cat. No. AK3-964HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AK3 full-length ORF (NP_057366.2, 1 a.a. - 227 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	227 amino acids
Description	The protein encoded by this gene is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Dec 2010]
Molecular Mass	52 kDa
AA Sequence	MGASARLLRA VIMGAPGSGK GTVSSRITTH FELKHLSSGD LLRDNMLRGT EIGVLAKAFI DQGKLIPDDV MTRLALHELK NLTQYSWLLD GFPRTLPAE ALDRAYQIDT VINLNVFPEV IKQRLTARWI HPASGRVYNI EFNPPKTVGI DDLTGEPLIQ REDDKPETVI KRLKAYEDQT KPVLEYQKK GVLETFSGTE TNKIWPYVYA FLQTKVPQRS QKASVTP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 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

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 [AK3 adenylate kinase 3 \[Homo sapiens \]](#)

Official Symbol [AK3](#)

Synonyms AK3; adenylate kinase 3; adenylate kinase 3 like 1, adenylate kinase 6, AK3L1, AK6; GTP:AMP phosphotransferase, mitochondrial; AKL3L1; adenylate kinase 3 alpha-like 1; adenylate kinase 6, adenylate kinase 3 like 1; AK6; FIX; AK3L1; AKL3L

Gene ID [50808](#)

mRNA Refseq [NM_001199852](#)

Protein Refseq [NP_001186781](#)

MIM [609290](#)

UniProt ID [Q9UIJ7](#)

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