

Product datasheet for **AR09001PU-N**

Adenylate kinase 3 / AK3 (1-223) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Adenylate kinase 3 / AK3 (1-223) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK LLRAVILGPP GSGKGTVSQR IAQNFGLQHL SSGHFLRENI KASTEVGEMA KQYIEKSLLV PDHVITRLMM SELENRRGQH WLLDGFPRTL GQAEALDKIC EVDLISLNI PFETLKDRLS RRWIHPPSGR VYNLDFNPPH VHGIDDVTGE PLVQQEDDKP EAVAARLRQY KDVAKPVIEL YKSRGVLHQF SGTETNKIWP YVYTLFSNKI TPIQSKEAY
Predicted MW:	29.3 kDa
Concentration:	lot specific
Purity:	>90% > / = 90% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid Buffer System: 20 mM Tris-HCl buffer (pH 8.0), 2 mM DTT, 20% Glycerol
Preparation:	Liquid
Protein Description:	Recombinant human AK3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001186781
Locus ID:	50808
UniProt ID:	Q9UIJ7 , Q7Z4Y4
Cytogenetics:	9p24.1
Synonyms:	AK3L1; AK6; AKL3L; AKL3L1; FIX
Summary:	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]

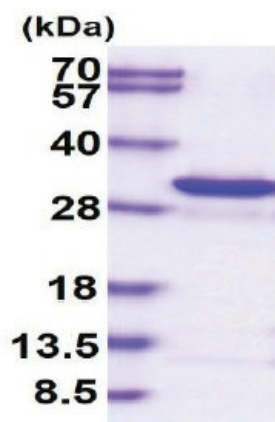


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Protein Families: Druggable Genome

Protein Pathways: Pyrimidine metabolism

Product images:



15% SDS-PAGE (3ug)