

Recombinant Human AATK Protein, His-tagged

Cat. No. AATK-645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AATK(Leu1216~Ala1374) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu1216~Ala1374
Description	The protein encoded by this gene contains a tyrosine kinase domain at the N-terminus and a proline-rich domain at the C-terminus. This gene is induced during apoptosis, and expression of this gene may be a necessary pre-requisite for the induction of growth arrest and/or apoptosis of myeloid precursor cells. This gene has been shown to produce neuronal differentiation in a neuroblastoma cell line. Two transcript variants encoding different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	20.5kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	AATK apoptosis-associated tyrosine kinase [Homo sapiens]
Official Symbol	AATK
Synonyms	AATK; apoptosis-associated tyrosine kinase; serine/threonine-protein kinase LMTK1; AATYK; AATYK1; KIAA0641; lemur tyrosine kinase 1; LMR1; LMTK1; p35-binding protein; CDK5-binding protein; brain apoptosis-associated tyrosine kinase; p35BP;
Gene ID	9625
mRNA Refseq	NM_001080395
Protein Refseq	NP_001073864
MIM	605276

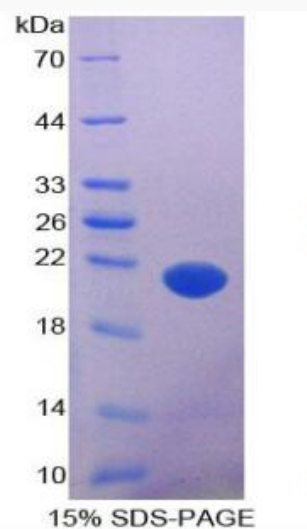
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UniProt ID

Q6ZMQ8



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