

Recombinant Human AATK Protein, GST-tagged

Cat. No. AATK-029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AATK partial ORF (AAH47378, 161 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jun 2011]
Molecular Mass	36.63 kDa
AA Sequence	SPEFVLKEAQEGCEPQAFaelaseGEGPGPETRLSTSLSGlNEKNPYRDSAYFSDL EAEAEATSGPEKKCGGDRAPGPELGLRSTGQPSEQVCLRPGVSG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	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
UniProt ID	Q6ZMQ8

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