

## Recombinant Human AATK Protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human AATK partial ORF ( AAH47378, 161 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	36.63 kDa
<b>AA Sequence</b>	SPEFVLKEAQEGCEPQAFANELASEGEGPGPETRLSTSLGSLNEKNPYRDSAYFSDL EAEAEATSGPEKKCGGDRAPGPELGLRSTGQPSEQVCLRPGVSG
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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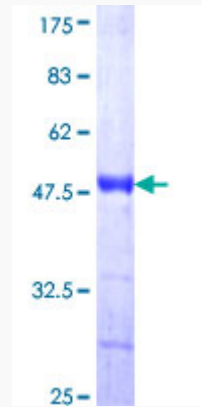
 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">AATK apoptosis-associated tyrosine kinase [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">AATK</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">9625</a>
<b>mRNA Refseq</b>	<a href="#">NM_001080395</a>
<b>Protein Refseq</b>	<a href="#">NP_001073864</a>
<b>MIM</b>	<a href="#">605276</a>
<b>UniProt ID</b>	<a href="#">Q6ZMQ8</a>

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12.5% SDS-PAGE Stained with Coomassie Blue.

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