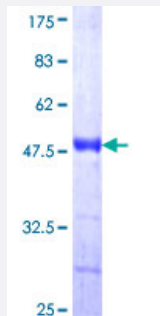


# AATK (Human) Recombinant Protein (Q01)

Catalog # H00009625-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human AATK partial ORF ( AAH47378, 161 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	SPEFVLKEAQEGCEPQAFALASEGEGPGPETRLSTSLSGLNEKNPYRDSAYFSDLEAEAEATS GPEKKCGGDRAPGPELGLRSTGQPSEQVCLRPGVSG
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Mouse (61); Rat (59)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — AATK

Entrez GeneID [9625](#)

GeneBank Accession# [BC047378](#)

Protein Accession# [AAH47378](#)

Gene Name AATK

Gene Alias AATYK, AATYK1, KIAA0641, LMR1, LMTK1, p35BP

Gene Description apoptosis-associated tyrosine kinase

Omim ID [605276](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** CDK5-binding protein|lemur tyrosine kinase 1|p35-binding protein|serine/threonine-protein kinase LMTK1