

## 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>      | SPEFVLKEAQEGCEPQAFaelaseGEGPGPETRLSTSLSGLNEKNPYRDSAYFSDL<br>EAEAEATSGPEKKCGGDRAPGPELGLRSTGQPSEQVCLRPGVSG                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 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. |

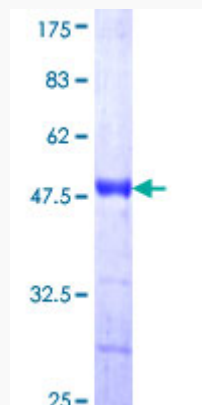
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | AATK apoptosis-associated tyrosine kinase [ Homo sapiens ]                                                                                                                                                                                      |
| <b>Official Symbol</b> | AATK                                                                                                                                                                                                                                            |
| <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>         | 9625                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_001080395                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_001073864                                                                                                                                                                                                                                    |
| <b>MIM</b>             | 605276                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q6ZMQ8                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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