

Recombinant Mouse AATK, GST-tagged

Cat. No. AATK-6993M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse AATK (8-411) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Mouse
Source	Sf9 Cells
ProteinLength	8-411 aa
Description	AATK or apoptosis-associated tyrosine kinase contains a tyrosine kinase domain at the N-terminus and a proline-rich domain at the C-terminus. AATK is induced during apoptosis, and expression of this protein is a necessary pre-requisite for the induction of growth arrest and/or apoptosis of myeloid precursor cells. AATK is highly detected in brain, lung, kidney, and pancreas. AATK is also shown to produce neuronal differentiation in a neuroblastoma cell line.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~71 kDa
Purity	>95%
Applications	Western Blot

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Storage

Store at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.

Concentration

0.1 µg/µl

GENE INFORMATION
Gene Name

Aatk apoptosis-associated tyrosine kinase [*Mus musculus*]

Official Symbol

AATK

Synonyms

AATK; apoptosis-associated tyrosine kinase; serine/threonine-protein kinase LMTK1; lemur tyrosine kinase 1; apoptosis-associated tyrosine kinase 1B; brain apoptosis-associated tyrosine kinase; AATYK; aatyk1; mKIAA0641;

Gene ID

11302

mRNA Refseq

NM_001198785

Protein Refseq

NP_001185714

Function

ATP binding; kinase activity; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; protein tyrosine kinase activity; transferase activity; transferase activity, transferring phosphorus-containing groups;

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