

Recombinant Mouse Matk Protein, His&GST-tagged

Cat. No. Matk-1767M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Matk Protein (Val24-Ala237) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val24-Ala237
Description	Predicted to enable non-membrane spanning protein tyrosine kinase activity. Predicted to be involved in protein phosphorylation. Predicted to act upstream of or within phosphorylation. Predicted to be located in cytoplasm and membrane. Is expressed in brain; gonad; hemolymphoid system gland; and intestine. Orthologous to human MATK (megakaryocyte-associated tyrosine kinase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.8 kDa Accurate Molecular Mass: 54 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Matk megakaryocyte-associated tyrosine kinase \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Matk](#)

Synonyms

Matk; megakaryocyte-associated tyrosine kinase; CHK; HYL; Ntk; p56ntk; megakaryocyte-associated tyrosine-protein kinase; Csk homologous kinase; protein kinase NTK; tyrosine protein kinase; tyrosine-protein kinase CTK; EC 2.7.10.2

Gene ID

[17179](#)

mRNA Refseq

[NM_010768](#)

Protein Refseq

[NP_034898](#)

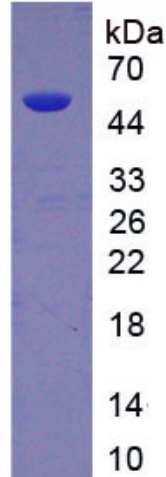
UniProt ID

[P41242](#)

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