

Recombinant Mouse Matk Protein, Myc/DDK-tagged

Cat. No. Matk-3970M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length megakaryocyte-associated tyrosine kinase (Matk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation.
Molecular Mass	56.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Matk megakaryocyte-associated tyrosine kinase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Matk
Synonyms	Matk; megakaryocyte-associated tyrosine kinase; HY; Nt; 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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