

Recombinant Mouse Hck Protein, MYC/DDK-tagged

Cat. No. Hck-1100M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hemopoietic cell kinase (Hck), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a member of the Src family of tyrosine kinases. This protein is primarily hemopoietic, particularly in cells of the myeloid and B-lymphoid lineages. It may play a role in the innate immune response and the STAT5 signaling pathway. Alternative translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization.
Molecular Mass	59.1 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 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hck hemopoietic cell kinase [*Mus musculus* (house mouse)]

Official Symbol Hck

Synonyms Hck; hemopoietic cell kinase; Bmk; A1849071; tyrosine-protein kinase HCK; B cell/myeloid kinase; hematopoietic cell kinase; p56-HCK/p59-HCK; EC 2.7.10.2

Gene ID 15162

mRNA Refseq NM_010407

Protein Refseq NP_034537

UniProt ID P08103

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