

Recombinant Mouse Hck protein, His & T7-tagged

Cat. No. Hck-7855M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hck aa. (Gly2~Pro524 (Accession # P08103)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly2~Pro524
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 62.7kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

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
Gene ID	15162
mRNA Refseq	NM_001172117.1
Protein Refseq	NP_001165588.1

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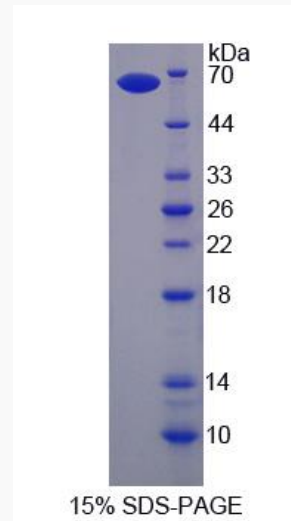
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UniProt ID

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SDS-PAGE

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