

## Recombinant Mouse Itih4 Protein, Myc/DDK-tagged

Cat. No. Itih4-3614M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length inter alpha-trypsin inhibitor, heavy chain 4 (Itih4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the inter-alpha trypsin inhibitor (Iai) family of plasma serine protease inhibitors with diverse functions as anti-apoptotic and matrix stabilizing molecules during development. This gene is predominantly expressed in the liver and the encoded protein was found to be a plasma kallikrein-sensitive glycoprotein. This gene is located in a cluster of related inter alpha trypsin inhibitor genes on chromosome 14. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Molecular Mass</b>	105 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/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** [Itih4 inter alpha-trypsin inhibitor, heavy chain 4 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Itih4](#)

**Synonyms** ITIH4; inter alpha-trypsin inhibitor, heavy chain 4; PK-120; Itih-4

**Gene ID** [16427](#)

**mRNA Refseq** [NM\\_001159299](#)

**Protein Refseq** [NP\\_001152771](#)

**UniProt ID** [A6X935](#)

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