

Recombinant Mouse Itih4 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	105 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA