

## Recombinant Mouse Itih3 Protein, Myc/DDK-tagged

**Cat. No.** Itih3-3613M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length inter-alpha trypsin inhibitor, heavy chain 3 (Itih3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes one of the heavy subunits of inter alpha trypsin inhibitor that functions as a protease inhibitor circulating in the plasma. The encoded protein undergoes proteolytic processing to generate a mature glycoprotein that is linked to the other subunits via an ester bond between the C-terminal aspartic acid residue and the N-acetyl galactosamine residue of chondroitin sulfate. This gene is located in a cluster of related inter alpha trypsin inhibitor genes on chromosome 14.
<b>Molecular Mass</b>	99.4 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** [Itih3 inter-alpha trypsin inhibitor, heavy chain 3 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Itih3](#)


**Synonyms** [Itih3](#); inter-alpha trypsin inhibitor, heavy chain 3; In; Itih; Intin3; Itih-3; ITI-HC3; AW108094; inter-alpha-trypsin inhibitor heavy chain H3; ITI heavy chain H3; inter-alpha-inhibitor H3 chain; inter-alpha-inhibitor heavy chain 3

**Gene ID** [16426](#)

**mRNA Refseq** [NM\\_008407](#)

**Protein Refseq** [NP\\_032433](#)

**UniProt ID** [Q61704](#)

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