

Recombinant Mouse Itih3 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	99.4 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 *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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