

Recombinant Mouse Itih3 Protein, Myc/DDK-tagged

Cat. No. ITIH3-8376M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Itih3 protein with a C-terminal Myc/DDK-tag was expressed in HEK293T.
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 it at -80 centigrade after receiving vials.
Concentration	>50 ug/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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