

Recombinant Mouse Itih5 protein, His-tagged

Cat. No. ITIH5-8378M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itih5(Asp569~Gln737) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp569~Gln737
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	20.5kDa
AA Sequence	MGHHHHHHSG SEF- DL NHIERLWSYL TVKELLSSWR QSNSEQEKEQ LRQKAQDLAL NYHFLTPFTS MKLRKPGLRT NQLEDTYGMS AATGPATVVQ NLREAGKQPE PDLKKTYDPR IKISKTSVDG DPHFVVDPL SKLTVCFNID GEPGDILRLV SDHLNSGVTV NGELIGAPAP PNGHKKQ
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name [Itih5 inter-alpha \(globulin\) inhibitor H5 \[Mus musculus \]](#)

Official Symbol [Itih5](#)

Synonyms ITIH5; inter-alpha (globulin) inhibitor H5; inter-alpha-trypsin inhibitor heavy chain H5; ITI-HC5; ITI heavy chain H5; inter-alpha-inhibitor heavy chain 5; inter-alpha trypsin inhibitor heavy chain precursor 5; E130106B02; 4631408O11Rik; 5430408M01Rik;

Gene ID [209378](#)

mRNA Refseq [NM_172471](#)

Protein Refseq [NP_766059](#)

MIM

UniProt ID [Q8BJD1](#)

Chromosome Location 2; 2 A1

Function molecular_function; peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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