

Recombinant Rat Itih4 protein, His & GST-tagged

Cat. No. Itih4-1567R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Itih4 aa. (Thr478~Val722) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr478~Val722
Description	Member of inter-alpha-inhibitor family of plasma proteins.
Form	Freeze-dried powder
Molecular Mass	57kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>92%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200µg/mL

Storage buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

Isoelectric Point

6.7

GENE INFORMATION

Gene Name

[Itih4 inter-alpha-trypsin inhibitor heavy chain family, member 4 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Itih4](#)

Synonyms

Itih4; inter-alpha-trypsin inhibitor heavy chain family, member 4; inter-alpha-trypsin inhibitor heavy chain H4; inter alpha-trypsin inhibitor, heavy chain 4; inter-alpha-inhibitor H4 heavy chain

Gene ID

[54404](#)

mRNA Refseq

[NM_019369.2](#)

Protein Refseq

[NP_062242.2](#)

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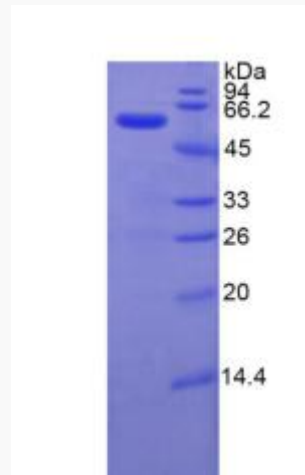
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UniProt ID

Q5EBC0

SDS-PAGE



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