

# Recombinant Human ITIH3 Protein

**Catalog No.: RP03540**

## Sequence Information

|                   |                |
|-------------------|----------------|
| <b>Species</b>    | <b>Gene ID</b> |
| Human             | 3699           |
| <b>Swiss Prot</b> | <b>Tags</b>    |
| Q06033            | C-His          |

### Synonyms

ITIH3, Inter-alpha-trypsin inhibitor heavy chain H3, SHAP

## Product Information

|               |                                   |
|---------------|-----------------------------------|
| <b>Source</b> | <b>Purification</b>               |
| Mammalian     | ≥ 95 % as determined by SDS-PAGE. |

### Calculated MW / Observed MW

70.4 KDa      80-100 KDa

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.  
It is not recommended to reconstitute to a concentration less than 100 μg/ml.  
Dissolve the lyophilized protein in distilled water.  
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Background

ITIH3 may act as a carrier of hyaluronan in serum or as a binding protein between hyaluronan and other matrix protein, including those on cell surfaces in tissues to regulate the localization, synthesis and degradation of hyaluronan which are essential to cells undergoing biological processes.

## Basic Information

### Description

Recombinant Human ITIH3 Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Leu35-Asp651) of Human ITIH3 (Accession #Q06033) fused with His tag at the C-terminus.

### Activity

### Shipping

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

### Storage

Store at -20°C

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

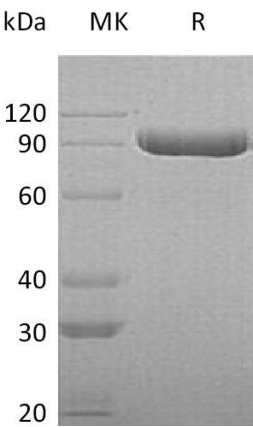
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Validation Data



Recombinant Human ITIH3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.