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Recombinant Human ITIH3 Protein

Catalog No.: RP03540 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3699	Q06033

Tags
C-His

Synonyms
ITIH3;Inter-alpha-trypsin inhibitor heavy chain H3;SHAP

Product Information

Source	Purification
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 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Contact

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Background

ITTH3 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. .

Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

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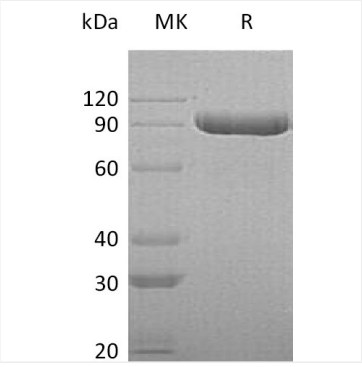
Validation Data



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

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