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## Product Datasheet

### Recombinant Human ITIH3 (C-6His) EBT-EPT047

Article Name	Recombinant Human ITIH3 (C-6His)
Biozol Catalog Number	EBT-EPT047
Supplier Catalog Number	EPT047
Alternative Catalog Number	EBT-EPT047-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Inter-alpha-trypsin Inhibitor Heavy Chain H3 is produced by our Mammalian expression system and the target gene encoding Leu35-Asp651 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 70.4 KDa. Apparent molecular weight: 80-100 KDa, reducing conditions
UniProt	<a href="#">Q06033</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: 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. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: ITIH3, which is short for Inter-alpha-trypsin inhibitor heavy chain H3, is a 890 aa. protein. It is secreted expression, and belongs to the ITIH family. I-alpha-I plasma protease inhibitors are assembled from one or two heavy chains (H1, H2 or H3) and one light chain, bikunin. Inter-alpha-inhibitor (I-alpha-I) is composed of H1, H2 and bikunin, inter-alpha-like inhibitor (I-alpha-LI) of H2 and bikunin, and pre-alpha-inhibitor (P-alpha-I) of H3 and bikunin. 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