

ITIH5 Protein, Human (His-SUMO)

Cat. No.:	HY-P71586
Synonyms:	ITIH5; KIAA1953; PP14776; UNQ311/PRO354; Inter-alpha-trypsin inhibitor heavy chain H5; ITI heavy chain H5; ITI-HC5; Inter-alpha-inhibitor heavy chain 5
Species:	Human
Source:	E. coli
Accession:	Q86UX2 (35V-161E)
Gene ID:	80760
Molecular Weight:	Approximately 33 kDa

PROPERTIES

AA Sequence	V P R Q V R L L Q R L K T K P L M T E F S V K S T I I S R Y A F T T V S C R M L N R A S E D Q D I E F Q M Q I P A A A F I T N F T M L I G D K V Y Q G E I T E R E K K S G D R V K E K R N K T T E E N G E K G T E I F R A S A V I P S K D K A A F F L S Y E E
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	ITIH5 Protein emerges as a potential tumor suppressor, suggesting a crucial role in regulating tumorigenesis. Its designation as a tumor suppressor implies a capacity to counteract the uncontrolled cellular growth characteristic of cancer cells. By inhibiting or modulating key pathways involved in tumor development, ITIH5 may contribute to the maintenance of normal cellular function and prevention of malignant transformation. The characterization of ITIH5 as a putative tumor suppressor underscores its significance in the intricate network of cellular regulatory mechanisms, warranting further investigation into its specific mechanisms of action and potential therapeutic implications in cancer management.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA