

ITIH5 Protein, Human (HEK293, His-hFc)

Cat. No.:	HY-P701322
Synonyms:	ITI heavy chain H5; ITI-HC5; Inter-alpha-inhibitor heavy chain 5; ITIH5
Species:	Human
Source:	HEK293
Accession:	Q86UX2 (35V-161E)
Gene ID:	80760
Molecular Weight:	Approximately 50 kDa

PROPERTIES

AA Sequence	<p>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</p> <p>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</p> <p>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</p> <p>F F L S Y E E</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 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	<p>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.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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