

Animal-Free IL-1F10/IL-38 Protein, Human (His)

Cat. No.:	HY-P700129AF
Synonyms:	Interleukin-1 Family Member 10; IL-1F10; IL-1HY2; IL-1 Theta; IL1F10; FIL1T; IL-38
Species:	Human
Source:	E. coli
Accession:	AAI03967.1 (M1-W152)
Gene ID:	84639
Molecular Weight:	Approximately 17.78 kDa

PROPERTIES

AA Sequence	<p>M C S L P M A R Y Y I I K Y A D Q K A L Y T R D G Q L L V G D P V A D N C C A E</p> <p>K I C T L P N R G L D R T K V P I F L G I Q G G S R C L A C V E T E E G P S L Q</p> <p>L E D V N I E E L Y K G G E E A T R F T F F Q S S S G S A F R L E A A A W P G W</p> <p>F L C G P A E P Q Q P V Q L T K E S E P S A R T K F Y F E Q S W</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 7.4.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the 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>IL-1F10/IL-38 Protein is a secreted cytokine belonging to the IL-1 family that has immunomodulatory activity. IL-1F10/IL-38 Protein alone does not induce cytokine production, but reduces IL22 and IL17A production by T-cells in response to heat-killed <i>Candida albicans</i>. IL-1F10/IL-38 Protein reduces IL36G-induced production of IL8 by peripheral blood mononuclear cells. IL-1F10/IL-38 Protein increases IL6 production by dendritic cells stimulated by bacterial lipopolysaccharides (LPS). Ligand for IL-36R/IL1RL2^{[3][4]}.</p>
-------------------	---

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