

Animal-Free IFN-omega 1 Protein, Human (His)

Cat. No.:	HY-P700092AF
Synonyms:	Interferon omega-1; IFNW1
Species:	Human
Source:	E. coli
Accession:	P05000 (C24-S195)
Gene ID:	3467
Molecular Weight:	Approximately 20.93 kDa

PROPERTIES

AA Sequence	<p>M C D L P Q N H G L L S R N T L V L L H Q M R R I S P F L C L K D R R D F R F P</p> <p>Q E M V K G S Q L Q K A H V M S V L H E M L Q Q I F S L F H T E R S S A A W N M</p> <p>T L L D Q L H T G L H Q Q L Q H L E T C L L Q V V G E G E S A G A I S S P A L T</p> <p>L R R Y F Q G I R V Y L K E K K Y S D C A W E V V R M E I M K S L F L S T N M Q</p> <p>E R L R S K D R D L G S S</p>
Biological Activity	Measure by its ability to induce cytotoxicity in TF-1 cells. The ED ₅₀ for this effect is <0.02 ng/mL. The specific activity of recombinant human IFN omega is approximately >5 x10 ⁷ IU/ mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 7.4, trehalose.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years from date of receipt. 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	IFN-omega protein belongs to the alpha/beta interferon family.
-------------------	--

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