

Animal-Free IFN-omega 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	MCDLPQNHGL LSRNTLVLLH QMRRISPFLC LKDRRDFRFP QEMVKGSQ LQ KAHVMSVLHE MLQQIFSLFH TERS SA AWM TL LDQLHTGL HQLQLHLETC LLQVVGEGES AGA I SS PALT LRRYFQGI RV YLKEKKYS DC AWEVVRMEIM KSLFLSTNMQ ERLRSKDRDL GSS
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.
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	IFN-omega protein belongs to the alpha/beta interferon family.
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Caution: Product has not been fully validated for medical applications. For research use only.

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