

IFN-omega 1 Protein, Human (HEK293, His)

Cat. No.:	HY-P72610
Synonyms:	Interferon omega-1; Interferon alpha-II-1; IFNW1
Species:	Human
Source:	HEK293
Accession:	P05000 (L22-S195)
Gene ID:	3467
Molecular Weight:	24-30 kDa

PROPERTIES

AA Sequence	<p> L G 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 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 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 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 E R L R S K D R D L G S S </p>
Biological Activity	Human IFNAR1, His Tag immobilized on CM5 Chip can bind Human Interferon omega-1, His Tag with an affinity constant of 20.96 μ M as determined in SPR assay (Biacore T200).
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4 or PBS, pH 7.4.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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. 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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