

IFN-omega Protein, Human (HEK293, His)

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| 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

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| AA Sequence | 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 |
| 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

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| 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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