

32-7922: Recombinant Human Interferon omega -1/IFNW1 (C-6His)

 Gene :
 IFNW1

 Gene ID :
 3467

 Uniprot ID :
 P05000

Description

Source: Human Cells.

MW :21.1kD.

Recombinant Human Interferon omega-1 is produced by our Mammalian expression system and the target gene encoding Leu22-Ser195 is expressed with a 6His tag at the C-terminus. Interferon omega-1 is also known as Interferon alpha-II-1and IFNW1. It is a Secreted protein that in humans is encoded by the IFNW1 gene. IFNW1 belongs to the alpha/beta interferon family. Type I IFNs consist of IFN a, beta, t, and g and bind to the type I IFN receptor, whereas IFN-a is the only type II IFN and is specific for the type II IFN receptor. IFNW1 is a recently discovered protein structurally related to IFN-alpha and Â-beta. It has been shown that IFN-omega 1 similar to that of other human class I IFNs; potent antiviral activity was also observed on cells of bovine and ovine but not of equine or murine origin.

Product Info

Amount : Content :	10 μg / 50 μg Lyophilized from a 0.2 μm filtered solution of 20mM PB.150mM NaCl. pH 7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	LGCDLPQNHGLLSRNTLVLLHQMRRISPFLCLKDRRDFRFPQEMVKGSQLQKAHVMSVLHEMLQQIFSLFHTE RSSAAWNMTLLDQLHTGLHQQLQHLETCLLQVVGEGESAGAISSPALTLRRYFQGIRVYLKEKKYSDCAWEVV RMEIMKSLFLSTNMQERLRSKDRDLGSSVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 \tilde{A} $\hat{A}\mu g/ml$. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/ \tilde{A} \hat{A} μ g (1 IEU/ \tilde{A} \hat{A} μ g) as determined by LAL test.