

**PRODUCT INFORMATION**

<b>Target</b>	IFNW1
<b>Synonyms</b>	Interferon omega-1;nterferon alpha-II-1;FNW1.
<b>Description</b>	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.
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P05000
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	Not available
<b>Molecular Weight</b>	21.1 KDa
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	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 α, β, τ, and ω and bind to the type I IFN receptor, whereas IFN-γ 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 -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.
<b>Usage</b>	Research use only



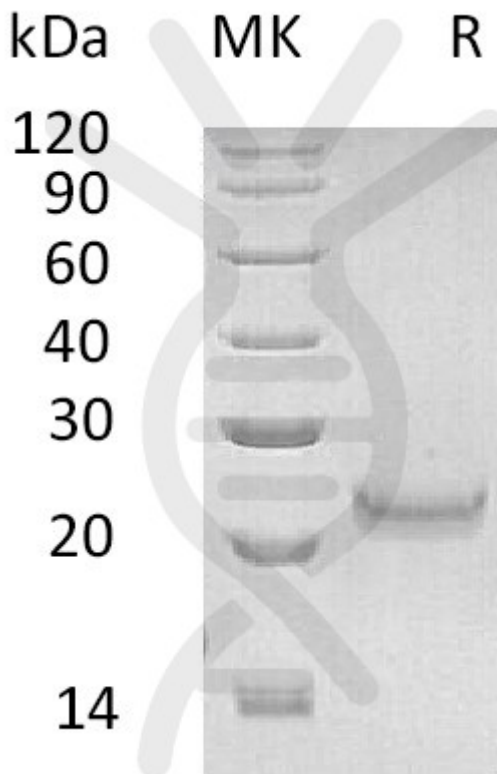


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

