

## 32-18067: Recombinant Human IFNW1 (C-6His) Protein

**Uniprot ID :** P05000

**Alternative Name :** Interferon omega-1;Interferon alpha-II-1;IFNW1.

### Description

Molecular weight: 21.1 KDa

Description: 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-1 and 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  $\alpha$ ,  $\beta$ ,  $\gamma$ , and  $\delta$  and bind to the type I IFN receptor, whereas IFN- $\beta$  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.

### Product Info

**Amount :** 50  $\mu$ g

**Content :** Lyophilized from a 0.2 ml filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

**Storage condition :** 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.