

Product Information

Product SKU: RPCB1248	Gene ID: 3467	Size: 10µg
Tag: C-6His	Reactivity: Human	

Additional Information

Expression Host: HEK293 cells	Swissprot: P05000
Purity: > 97% by SDS-PAGE.	

Protein Information

Background: IFNs are a large family of proteins having antiviral, antiproliferative, and immunomodulatory effects, and are divided into two major classes, type I and type II, based on differences in receptor binding and nucleotide sequence. 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. Human IFN- ω , was identified by three independent groups in 1985 and is structurally related to IFN- α and - β . Both human IFN- ω and IFN- α are produced by virally induced leukocytes and have similar antiviral activities on human cell lines, and a sizeable proportion (at least 1%) of the total antiviral activity of leukocyte IFN is contributed by IFN- ω . Also, it was reported that IFN- ω could inhibit the growth of human tumors in vivo.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Interferon omega-1/IFNW1 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.