

## 32-7870: Recombinant Human Interferon a-4/IFNA4 (C-6His)

**Gene :** IFNA4  
**Gene ID :** 3441  
**Uniprot ID :** P05014

### Description

Source: Human Cells.  
MW :20.4kD.

Recombinant Human Interferon alpha-4 is produced by our Mammalian expression system and the target gene encoding Cys24-Asp189 is expressed with a 6His tag at the C-terminus. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. They allow for communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors. They are typically divided among three IFN classes: Type I, Type II and Type III. IFNA4 is a secreted protein and produced by macrophages. Two variants of IFNA4 (IFNA4a and IFNA4b) are known, which differ from each other by changes in their coding regions at nucleotide positions 220 and 410 .

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.2.  
**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 :** CDLPQTHSLGNRRALILLAQMGRISHFSLKDRHDFGFPEEEFDGHQFQKTQAISVLHEMIQQTFLNFSTEDSSAAWEQSLLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDSILAVRKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKDVDDHHHHHH

### 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 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.