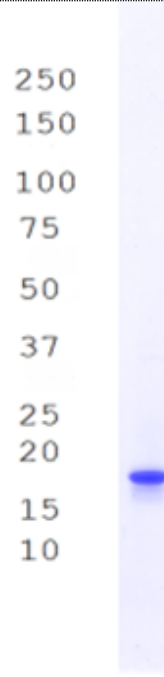


## Description

<b>Protein</b>	Consensus Interferon Alpha (N-terminal Met-free)
<b>Batch</b>	Con-IFN $\alpha$ _072020
<b>Molecular Weight</b>	19.4 kDa (predicted. Actual mass shown below)
<b>Source</b>	<i>Nicotiana benthamiana</i>
<b>Amino Acid Sequence</b>	CDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHDFGFPQEEFDGNQFQKAQAISVLHEM IQQTFNLFSTKDSAAWDESLLLEKFYTELYQQLNLDLEACVIQEVGVEETPLMNVDSILAV KKYFQRITLYLLETKKYSPEAWVRAEIMRSFSLSTNLQERLRRKE

## Specifications

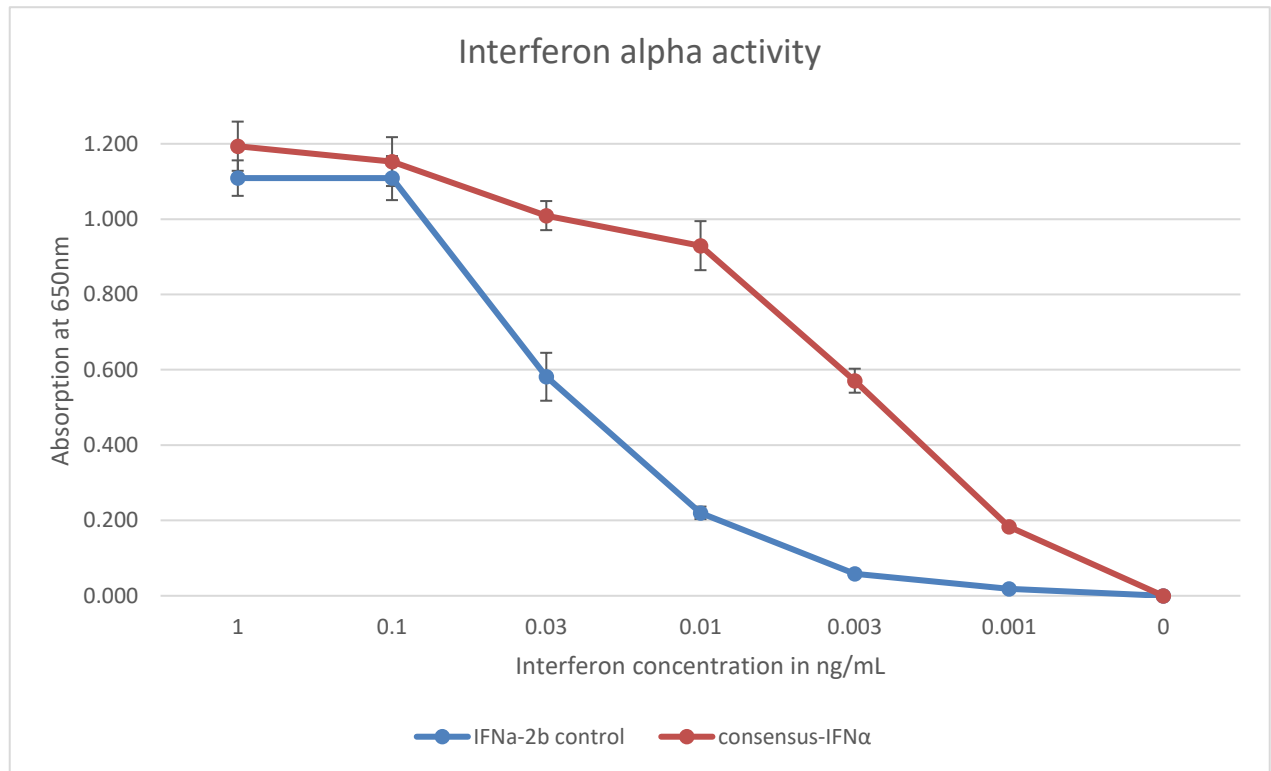
<b>Concentration</b>	0.54 mg/ml
<b>Formulation</b>	PBS (135 mM sodium chloride, 2.7 mM potassium chloride, 4.3 mM sodium phosphate (dibasic, anhydrous), 1.4 mM potassium phosphate (monobasic, anhydrous), pH 7.2)
<b>Endotoxin</b>	10000> EU/mg >1000 (Gel clot assay)
<b>Sterility</b>	PASS, no growth in Brain Heart Infusion
<b>SDS-PAGE</b>	 <p style="text-align: center;"><i>Coomassie-stained gel, reduced samples</i></p>
<b>Mass Analysis</b>	Manually calculated neutral intact monoisotopic mass: M (14 x 1388.2027 Da) – 14 protons = 19,420.7 Da  Orbitrap Electrospray LCMS (UCD): M = 19,420.8 Da

## Storage Conditions

<b>Shipping</b>	N/A
<b>Storage</b>	4°C or -80°C
<b>Date Prepared</b>	07-24-20

### Activity Assay

**Assay type:** IFN- $\alpha/\beta$  HEK-Blue Reporter Assay  
**Vendor:** Invivogen  
**Catalog #:** hkb-ifnab lot#



**Assay Date:** 07-30-2020

*For research use only. Not for use in humans.*