

## Recombinant Human Interferon-alpha2c, Yeast

Catalog No: #AP60100



Package Size: #AP60100-1 10ug #AP60100-2 100ug #AP60100-3 500ug

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## Description

Product Name	Recombinant Human Interferon-alpha2c, Yeast
Host Species	Yeast
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Calculated MW	Approximately 19.3 kDa, a single polypeptide chain containing 165 amino acids.
Target Sequence	CDLPQTHSLG SRRTLMLLAQ MRRISLFSCL KDRRDFGFPQ EEFGNQFQKA ETIPVLHEMI QQIFNLFSTK DSSAAWDETL LDKFYTELYQ QLNDLEACVI QGVGVTTETPL MKEDSILAVR KYFQRITLYL KEKKYSPCAW EVRRAEIMRS FSLSTNLQES LRSKE
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4, with 0.02 % Tween-20.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

## Background

IFN-αs are proteins secreted by leukocyte. They are mainly involved in innate immune response against viral infection. The IFN-α family has 13 subtypes and 23 different variants. The individual proteins have molecular masses between 19-26 kDa and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN-α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-alpha subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxy-terminal end.

Note: This product is for in vitro research use only