9051 Mira Mesa Blvd, #910094
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IFNA2C Human

Interferon-alpha 2c Human Recombinant
CYK0203

Product Overview

Name	IFNA2C Human
Description	
Interferon-alpha 2c Human Recombinant	
Accession (Primary)	P01563
Synonyms	
Interferon alpha-2, IFN-alpha-2, Interferon alpha-A, LeIF A, IFNA2, IFNA2A, IFNA2B, IFNA2C.	
Introduction	
IFN-alpha is produced by macrophages and has antiviral activities. IFN stimulates the production of two enzymes: protein kinase and an oligoadenylate synthetase.	
Source	
Saccharomyces cerevisiae.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4 and 0.02 % Tween-20.	
Stability	
Lyophilized IFNA2C although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Interferon-alpha 2c should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles .	
Purity	
Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
CDLPQTHSLG SRRTLMLLAQ MRRISLFSCL KDRRDFGFPQ EEFGNQFQKA ETIPVLHEMI QQIFNLFSTK DSSAAWDETL LDKFYTELYQ QLNDLEACVI QGVGVTETPL MKEDSILAVR KYFQRITLYL KEKKYSPCAW EVVRAEIMRS FSLSTNLQES LRSKE.	
Biological Activity	
The activity is determined by the cytopathic effect inhibition assay.	
Solubility	

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It is recommended to reconstitute the lyophilized Interferon-alpha 2c in sterile 18MΩ-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

IFNA2C Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01563)