

IFN-alpha B/IFNA8 Protein, Human (HEK293, His)

Cat. No.:	HY-P73860
Synonyms:	IFNA8; IFN-alpha 8; IFN-alpha B2; Interferon alpha-8; Interferon alpha-B
Species:	Human
Source:	HEK293
Accession:	P32881 (C24-E189)
Gene ID:	3445
Molecular Weight:	Approximately 28 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	IFN-alpha B/IFNA8 Protein, produced by macrophages, exhibits potent antiviral activities. It stimulates the production of two crucial enzymes: a protein kinase and an oligoadenylate synthetase. These enzymes play crucial roles in the cellular defense against viral infections.
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Caution: Product has not been fully validated for medical applications. For research use only.

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