

Recombinant Human IFNA10 Protein (Cys24-Asp189), His tagged

Cat. No. IFNA10-3099H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant human IFNA10 (Cys24-Asp189) protein fused with His tag was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Cys24-Asp189

Description

Interferon alpha-1 (IFNA1) is a member of the interferon family. Interferons belong to the group of the regulatory glycoproteins, of low molecular mass. They are the products of infected cell-genome, but not virus, as a consequence of the cause answer by different inductors. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. They allow communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors. IFNs have other functions: they activate immune cells, such as natural killer cells and macrophages; they increase recognition of infection or tumor cells by up-regulating antigen presentation to T lymphocytes; and they increase the ability of uninfected host cells to resist new infection by virus. Certain host symptoms, such as aching muscles and fever, are related to the production of IFNs during infection. Human IFN are divided on the sequence of amino-acids into three groups: Alpha, Beta and Gamma interferons.

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Molecular Mass	20.4 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	IFNA10 interferon, alpha 10 [Homo sapiens (human)]
Official Symbol	IFNA10
Synonyms	IFNA10; interferon, alpha 10; interferon alpha-10; IFN alphaC; IeIF C; IFN-alpha-10; interferon alpha-C; interferon alpha-6L; IFN-alphaC; MGC119878; MGC119879;
Gene ID	3446
mRNA Refseq	NM_002171
Protein Refseq	NP_002162

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MIM 147577

UniProt ID P01566

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