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Datasheet for ABIN1096855

IFNA6 Protein (AA 21-189) (His tag)

Overview

Quantity:	50 µg
Target:	IFNA6
Protein Characteristics:	AA 21-189
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNA6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Interferon α-6/IFNA6 (C-6His)
Sequence:	SLDCDLPQTH SLGHRRTMML LAQMRRISLF SCLKDRHDFR FPQEEDGNQ FQKAEAISVL HEVIQQTFFNL FSTKDSSVAW DERLLDKLYT ELYQQLNDLE ACVMQEVVWG GTPLMNEDSI LAVRKYFQRI TLYLTEKKYS PCAWEVVRAE IMRSFSSSRN LQERLRRKEV DHHHHHHH
Characteristics:	Recombinant Human Interferon alpha-6/IFNA6 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Ser21-Glu189) of Human IFNA6 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	IFNA6
Alternative Name:	IFNa6 (IFNA6 Products)
Sub Type:	Fusionprotein
Background:	<p>Interferon alpha-6 (IFN-alpha6) is a secreted protein which belongs to the alpha/beta interferon family. IFN-alpha6 is produced by macrophages, expressed at low level, only 1.0% of the average gene in this release. IFN-alpha6 contains interferon alpha, beta and delta domain. IFN-alpha has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.</p> <p>Alternative Names: Interferon Alpha-6, IFN-Alpha-6, Interferon Alpha-54, Interferon Alpha-K, LeIF K, IFNA6</p>
Molecular Weight:	21.1 kDa
UniProt:	P05013
Pathways:	JAK-STAT Signaling , Hepatitis C

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months