Recombinant human IFN-alpha 7/IFNA7 protein

Catalog Number: ATGP1873

PRODUCT INFORMATION

Expression system
E.coli

Domain
24-189aa

UniProt No.
P01567

NCBI Accession No.
NP_066401

Alternative Names
Interferon alpha-7, IFNA7, IFN-alphaJ, IFNA-J, Interferon alpha-J1, IFN-alpha-J1

PRODUCT SPECIFICATION

Molecular Weight
22.3 kDa (191aa)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE, Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Interfereon alpha 7, also known as IFNA7, belongs to the alpha/beta interferon family. IFNA7 is produced by macrophages. IFN-alpha has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. Recombinant human IFNA7 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGSH>MCDLPQ THSLRNRRAL ILLAQMGRIS PFSCLKDRHE FRFPEEEFDG

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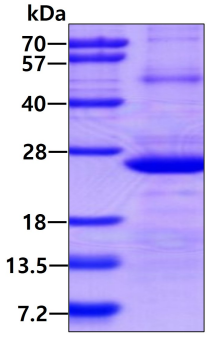
HQFQKTQAIS VLHEMIQQTF NLFSTEDSSA AWEQSLLEKF STELYQQLND LEACVIQEVG VEETPLMNED FILAVRKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSFSFS TNLKKGLRRK D

General References

Hussain M., et al. (1996) J. Interferon Cytokine Res. 16:853-859
Nyman T.A., et al. (1998) Biochem. J. 329:295-302

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.