## NKMAXBIO We support you, we believe in your research

### 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-alpha], IFNA-], Interferon alpha-]1, IFN-alpha-]1

#### **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



# NKMAXBio We support you, we believe in your research

### Recombinant human IFN-alpha 7/IFNA7 protein

Catalog Number: ATGP1873

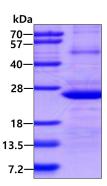
HQFQKTQAIS VLHEMIQQTF NLFSTEDSSA AWEQSLLEKF STELYQQLND LEACVIQEVG VEETPLMNED FILAVRKYFQ RITLYLMEKK YSPCAWEVVR AEIMRSFSFS TNLKKGLRRK D

#### **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.

