NKMAXBIO We support you, we believe in your research

Recombinant human IL-38/IL-1F10 protein

Catalog Number: ATGP2240

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-152aa

UniProt No.

O8WWZ1

NCBI Accession No.

NP 115945.3

Alternative Names

Interleukin 1 family member 10, Family of interleukin 1-theta, FIL1 theta, Interleukin-1 HY2, IL-1HY2, Interleukin-1 theta, IL-1 theta, Interleukin-38, IL-38, FIL1T, Interleukin-1 receptor antagonist FKSG75

PRODUCT SPECIFICATION

Molecular Weight

19.1 kDa (172aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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

IL1F10 is a member of the interleukin 1 cytokine family. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. This cytokine is thought to participate in a network of interleukin 1 family members to regulate adapted and innate immune responses. Two alternatively spliced transcript variants encoding the same protein have been reported. Recombinant human IL1F10 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



NKMAXBio We support you, we believe in your research

Recombinant human IL-38/IL-1F10 protein

Catalog Number: ATGP2240

Amino acid Sequence

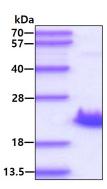
<MGSSHHHHHH SSGLVPRGSH> MCSLPMARYY IIKYADQKAL YTRDGQLLVG DPVADNCCAE KICTLPNRGL DRTKVPIFLG IQGGSRCLAC VETEEGPSLQ LEDVNIEELY KGGEEATRFT FFQSSSGSAF RLEAAAWPGW FLCGPAEPQQ PVQLTKESEP SARTKFYFEQ SW

General References

Taylor, S.L., et al. (2002) Genomics 79 (5), 726-733 Nicklin, M.J., et al. (2002) Genomics 79 (5), 718-725

DATA

SDS-PAGE



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

