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Recombinant mouse IL-36 alpha/IL-1F6 protein

Catalog Number: ATGP3166

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-160aa

UniProt No.

Q9JLA2

NCBI Accession No.

NP 062323.1

Alternative Names

Interleukin-36 alpha, Fil1, IL-1H1, II1f9, IL1RP2, II36a, Uscropmagleukin-36 alpha, 2

PRODUCT SPECIFICATION

Molecular Weight

20.4 kDa (183aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

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

Il36a also known as Interleukin-36 alpha. Il36a participates in cytokine/chemokine production in the epithelium. Part of the Il36a signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor IL1RAP. Recombinant mouse Il36a, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional



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chromatography techniques.

Amino acid Sequence

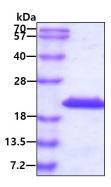
<MGSSHHHHHH SSGLVPRGSH MGS>MNKEKEL RAASPSLRHV QDLSSRVWIL QNNILTAVPR KEQTVPVTIT LLPCQYLDTL ETNRGDPTYM GVQRPMSCLF CTKDGEQPVL QLGEGNIMEM YNKKEPVKAS LFYHKKSGTT STFESAAFPG WFIAVCSKGS CPLILTQELG EIFITDFEMI VVH

General References

Ichii O., et al. (2010) Lab Invest. 90(3):459-75. R Debets., et al. (2004) J Biol Chem. 279(14):13677-88

DATA

SDS-PAGE



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

