

Mouse IL1F8 / IL36b Protein



Sino Biological
Biological Solution Specialist

Catalog Number: 51071-MNAE

General Information

Gene Name Synonym:

2310043N20Rik; IL36b; RP23-176J12.1

Protein Construction:

A DNA sequence encoding the mouse IL1F8 (Q9D6Z6) (Met 1-Lys 183) was expressed.

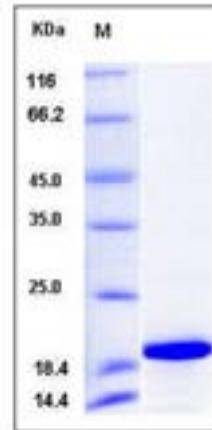
Source: Mouse

Expression Host: E. coli

QC Testing

Purity: > 96 % as determined by SDS-PAGE

SDS-PAGE:



Protein Description

Interleukin-1 family member 8(IL1F8) also known as IL36B, is a member of the interleukin 1(IL-1) cytokine family. IL1F8 may contains a 12-stranded beta-trefoil structure. Until recently, the IL-1 family of cytokines includ four members, with three having pro-inflammatory effects such as IL1F8 and the fourth member being an IL-1 receptor antagonist (IL-1Ra). IL-1 family members exert their effects through binding to receptors that belong to the IL-1 receptor (IL-1R) family. IL1F8 exerts proinflammatory effects in primary human joint cells. Joint and serum IL-1F8 protein levels did not correlate with inflammation, but they were high in some human serum samples tested, including samples from patients with rheumatoid arthritis. IL1F8 also activated NK-kB.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant mouse IL1F8 consisting of 183 amino acids and has a calculated molecular mass of 21 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 50mM Tris, pH 8.0

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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