

## Recombinant Mouse Interleukin-36 Beta (IL-36 Beta)

Cat. No.: AP2C819

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

### Product Overview

BioVenic's Recombinant Mouse Interleukin-36 Beta (IL-36 Beta) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 20.9 kDa. The purity is >90%.

### Specifications

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Type                       | Recombinant Protein                                         |
| Species                    | Mouse                                                       |
| Expression System          | <i>E.coli</i>                                               |
| Purity                     | >90%                                                        |
| Endotoxin                  | < 1.0 EU/µg                                                 |
| Predicted Molecular Weight | 20.9 kDa                                                    |
| Physical State             | Lyophilized                                                 |
| Formulation                | 0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300. |

### Target Information

Mouse Interleukin-36 Beta is similar to IL-36α and is also involved in inflammatory responses and immune regulation. It triggers downstream signaling pathways, leading to immune cell activation and inflammatory mediator production. Understanding the specific contributions of IL-36β in different inflammatory contexts is ongoing, with the aim of identifying situations where targeting this cytokine could provide clinical benefits in managing inflammatory diseases.

|                 |                                        |
|-----------------|----------------------------------------|
| Protein         | Mouse Interleukin-36 Beta (IL-36 Beta) |
| Protein Synonym | Interleukin-1 family member 8; Fil1e   |
| Gene ID         | <a href="#">69677</a>                  |
| UniProt ID      | <a href="#">Q9D6Z6</a>                 |

### Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.