

## Recombinant Human IL36B protein, His-tagged

**Cat. No.** IL36B-7519H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL36B protein(NP_055253)(1-157 aa), fused to His tag, was expressed in E. coli.                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-157 aa                                                                                                                                                                                                                               |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization. |
| <b>AA Sequence</b>      | MNPQREAAPKSYAIRDSRQMWWVLSGNSLIAAPLSRSIKPVTLHLIACRDTEFSDKEK<br>GNMVYLGIGKDKLCLFCAEIQQGKPTLQLKEKNIMDLIVEKKAQKPFLFFHNKEGSTS<br>VFQSVSYPGWFIATSTTSGQPIFLTKEGITNNTNFYLDSE                                                                   |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.                                                                                                                                                              |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL36B interleukin 36, beta [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | IL36B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | IL36B; interleukin 36, beta; IL1F8, interleukin 1 family, member 8 (eta); interleukin-36 beta; FIL1; FIL1 (ETA); IL 1F8; IL 1H2; IL1 ETA; IL1H2; MGC126880; MGC126882; FIL1 eta; IL-1 eta; IL-1F8 (FIL1-eta); interleukin-1 eta; interleukin 1, eta; interleukin-1 homolog 2; Interleukin-1 Superfamily e; family of interleukin 1-eta; interleukin-1 family member 8; IL1F8 (Canonical product IL-1F8a); interleukin 1 family, member 8 (eta); FIL1H; IL1F8; IL-1F8; IL-1H2; IL1-ETA; FIL1-(ETA); FIL1-(ETA); |
| <b>Gene ID</b>         | 27177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_014438.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_055253                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>             | 605508                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | Q9NZH7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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**SDS-PAGE**

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