



Optimize Your Research

## Recombinant Human Interleukin-36 beta, 157a.a. protein

### Code CD01502

**Storage:** This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

#### Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

#### Source

Escherichia coli.

#### Molecular Weight

Approximately 17.7kDa, a single non-glycosylated polypeptide chain containing 157 amino acids.

#### Purity

> 97 % by SDS-PAGE and HPLC analyses.

#### Biological Activity

Fully biologically active when compared to standard. The specific activity is determined by its binding ability in a functional ELISA. Immobilized rHuIL-36β at 1 μg/mL can bind recombinant human IL-1 Rrp2 Fc Chimera with a range of 0.15-5 μg/mL.

#### Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

#### Formulation

Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.

#### Sequence

MNPQREAPK SYAIRDSRQM VVWLSGNSLI AAPLSRSIKP VTLHLIACRD TEFSDKEKGN MVYLGIGKGD LCLFCAEIQG KPTLQLKEKN  
IMDLYVEKKA QKPFLFFHNK EGSTSVFQSV SYPGWFIATS TTSGQPIFLT KERGITNNTN FYLDSVE

#### Endotoxin

Less than 1 EU/μg of rHuIL-36β, 157a.a. as determined by LAL method.

#### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 C. Further dilutions should be made in appropriate buffered solutions.

If you have any question on order please contact us via: [order@bt-laboratory.com](mailto:order@bt-laboratory.com); technical assistance please contact us via: [support@bt-laboratory.com](mailto:support@bt-laboratory.com) More product visit [www.bt-laboratory.com](http://www.bt-laboratory.com)

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