

Recombinant Human IL-36 beta protein(His Tag)

RPES6427

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES6427

Purity: > 98 % as determined by reducing SDS-PAGE.

Contents: 100µg, 20µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Synonyms: IL1H, IL1F, Interleukin-1 family member, IL-1F, IL-1H, Fil1e, IL-1 eta, IL-1F8, IL-1H2, IL-36 Beta, Interleukin-1 family member 8, Interleukin-36 beta, IL1F8, IL1H2, IL36B, 2310043N20Rik, Family of interleukin 1 eta, FIL1, FIL1 (ETA), FIL1 eta, FIL1H, FIL1-(ETA), IL 1F8, IL 1F8 (FIL1 eta, IL 1H2, IL1 ETA, IL1F8 (Canonical product IL 1F8a), Interleukin 1 family, Interleukin 1 homolog 2, Interleukin 1 Superfamily e, Interleukin 36 beta, Interleukin-1 eta, Interleukin-1 homolog 2, member 8, member 8 (eta), MGC126880, MGC126882, OTTMUSP00000012797, RP23-176J12.1

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Measure by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is <0.2 ng/mL.

Calculated MW: 18.2 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 18 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_775270.1

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: E.coli-derived Human IL-36 beta protein Arg 5-Glu 157, with an C-terminal His

Sequence: Arg 5-Glu 157

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder