

Recombinant Human Interleukin-36 alpha/IL-36 alpha

RPES6225

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: RPES6225

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: FIL, IL1F, Interleukin-1 Family Member, IL-1F, IL36A, FIL1, FIL1(EPSILON), FIL1E, IL-1F6, IL1(EPSILON), IL1F6, FIL1 Epsilon, IL-1 Epsilon, Interleukin-1 Epsilon, Interleukin-1 Family Member 6, Interleukin-36 Alpha, IL1E, IL 1 epsilon, IL 1F6, IL 1H1, IL1RP2, Interleukin 1 epsilon, Interleukin 1 family member 6, Interleukin 1 family member 6 (epsilon), Interleukin 36 alpha, MGC129552, MGC129553, MGC151479, MGC151481, OTTMUSP00000012798, RP23-176J12.4

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 <0.7 ng/mL.

Calculated MW: 18.1 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

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

Observed MW: 17 kDa

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

Accession: Q9UHA7

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-36A, IL-36 alpha protein Lys6-Phe158, with an C-terminal His

Sequence: Lys6-Phe158

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

Form: Lyophilized powder