

Recombinant Mouse IL-36 alpha protein(His Tag)

RPES6703

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: RPES6703

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

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

Concentration: -

Species: Mouse

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

Synonyms: Interleukin-1 homolog, nterleukin-1 family member, Il1f, Il1h, IL-1F, IL-1H, FIL1 epsilon, FISP, IL-1 epsilon, IL-1F6, IL-1H1, Interleukin-1 epsilon, Interleukin-1 homolog 1, Interleukin-36 alpha, MDA-7 (Melanoma Differentiation-Associated gene 7 protein), nterleukin-1 family member 6, St16, Fil1e, Il1e, Il1f6, Il1h1, Il36a

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-6 secretion in 3T3 cells. The ED50 for this effect is <15 ng/mL. The specific activity of recombinant mouse IL-36 alpha is > 1 x 10⁵ IU/mg.

Calculated MW: 18.8 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.

Observed MW: 17-25 kDa

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

Accession: Q9JLA2

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 Mouse IL-36 alpha protein Met 1-His 160, with an C-terminal His

Sequence: Met 1-His 160

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

Form: Lyophilized powder