

Recombinant Human IL-36 Receptor Antagonist Protein/IL-36RN/IL-1F5 RPES6224

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: RPES6224

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: FIL, UNQ, PRO, IL1F, IL1L, IL1HY, IL1RP, PSORS, IL36RN, FIL1, FIL1(DELTA), FIL1D, IL-36Ra, IL1F5, IL1HY1, IL1L1, IL1RP3, IL36RA, PSORP, PSORS14, UNQ1896, PRO4342, FIL1 Delta, IL-1 Delta, IL-1F5, IL-1HY1, IL-1L1, IL-1ra Homolog 1, IL-1-Related Protein 3, IL-1RP3, Interleukin-1 Delta, Interleukin-1 Family Member 5, Interleukin-1 HY1, Interleukin-1 Receptor Antagonist Homolog 1, Interleukin-1-Like Protein 1, Interleukin-36 Receptor Antagonist Protein

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: None

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

Expression Host: E.coli

Bio-Activity: Measured by its ability to inhibit IL-36 alpha, IL-36 beta or IL-36 gamma-induced IL-8 secretion in A431 human epithelial carcinoma cells. The ED50 for this effect is 23.14 ng/ml.

Calculated MW: 16.8 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 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: Q9UBH0

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-36RN, IL-1F5 protein Val2-Asp155

Sequence: Val2-Asp155

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

Form: Lyophilized powder