

Recombinant Human Interleukin-33/IL-33 Protein

RPES1454

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: RPES1454

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

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

Concentration: -

Species: Human

Endotoxin: < 0.01 EU per µg of the protein as determined by the LAL method.

Synonyms: DVS, IL1F, Interleukin, C9orf, IL-1F, IL33, C9orf26, DVS27, IL1F11, NFHEV, NFEHEV, DVS27 related protein, IL-1F11, IL-33, Interleukin-1 family member 11, Interleukin-33, Nuclear factor from high endothelial venules, NFHEV, CHROMOSOME 9 OPEN READING FRAME 26, DKFZp586H0523, IL 1F11, IL 33, Interleukin 1 family member 11, Interleukin 33, INTERLEUKIN 33 NFHEV, Interleukin 33 precursor, Interleukin33, Interleukin-33 (109-270), NF HEV, Nuclear factor for high endothelial venules, OTTHUMP00000021041, RP11 575C20.2

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: Immobilized Mouse ST2-His(RPES1211) at 5µg/ml (100 µl/well) can bind Human IL-33(RPES1454).The ED50 of Human IL-33(RPES1454) is 0.63 µg/ml.

Calculated MW: 18.1 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are

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

added as protectants before 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. Immobilized Mouse ST2-His(RPES1211) at 5µg/ml (100 µl/well) can bind Human IL-33(RPES1454).The ED50 of Human IL-33(RPES1454) is 0.63 µg/ml.

Accession: O95760

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 Interleukin-33/IL-33 protein Ser112-Thr270

Sequence: Ser112-Thr270

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

Form: Lyophilized powder

