

Recombinant Human IFN α 2b/IFNA2 Protein

RPES1929

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: RPES1929

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

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

Concentration: -

Species: Human

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

Synonyms: IFN-Alpha-2, IFN-alpha 2b, IFNA2, Interferon Alpha-2, Interferon Alpha-A, LeIF A

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 in antiviral assay using A549 human lung cancer cells infected with vesicular stomatitisvirus (VSV) The ED50 for this effect is 5 ng/mL.

Calculated MW: 19.4 kDa

Formulation: Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2. 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 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured in antiviral assay

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

using A549 human lung cancer cells infected with vesicular stomatitisvirus (VSV) The ED50 for this effect is 5 ng/mL. Loaded Human IFNAR2-Fc(RPES1802) on Protein A Biosensor, can bind Human IFN alpha2b(RPES1929) with an affinity constant of 2.98 nM as determined in BLI assay.

Accession: P01563

Source: E.coli-derived Human IFN α 2b, IFNA2 protein Cys24-Glu188

Sequence: Cys24-Glu188

Form: Lyophilized powder

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

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