

Recombinant Human STAT1 Protein

RPES1886

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: RPES1886

Purity: > 68 % 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: CANDF7, IMD31A, IMD31B, IMD31C, ISGF-3, STAT1, STAT91, Signal Transducer and Activator of Transcription 1-Alpha/Beta, Transcription Factor ISGF-3 Components p91/p84

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: Not validated for activity

Calculated MW: 83.3 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 0.02% Tween 80, 5% Sucrose, 4% Mannitol, 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: 85 kDa

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

Accession: P42224

Source: E.coli-derived Human STAT1 protein Met 1-Val712

Sequence: Met 1-Val712

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.