

Recombinant Human EGF Protein

RPES4398

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: RPES4398

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

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

Concentration: -

Species: Human

Endotoxin: < 0.05 EU per µg of the protein as determined by the LAL method.

Synonyms: EGF, Epidermal Growth Factor, Pro-Epidermal Growth Factor, Urogastrone

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 a cell proliferation assay using Balb/C 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.02-0.2 ng/mL.

Calculated MW: 6.3 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: 6.3 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured in a cell proliferation assay using Balb/C 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 0.02-0.2 ng/mL.

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

Accession: NP_001954.2

Source: E.coli-derived Human EGF protein
Asn 971-Arg 1023

Sequence: Asn 971-Arg 1023

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.