

Mouse EGF Recombinant Protein



RPPB0176

Product Information Protein Information

Product SKU:

RPPB0176

Accession:

P01132

Host:

Mouse Submaxillary
Gland.

Protein description:

Epidermal Growth Factor Mouse purified from submaxillary gland is a single, glycosylated, polypeptide chain having a molecular mass of 6.1 kDa. The EGF is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Urogastrone, URG, EGF.

Formulation:

The protein was lyophilized from a concentrated (1mg/ml) solution containing 0.01M sodium acetate buffer.

Purity:

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Epidermal Growth Factor in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Epidermal Growth Factor Mouse although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EGF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

The biological activity is measured in a proliferation assay using BALB/MK cells.