

Mouse HB-EGF Recombinant Protein



RPPB0270

Product Information Protein Information

Product SKU:

RPPB0270

Accession:

Q06186

Host:

Escherichia Coli.

Protein description:

HB-EGF Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids (63-148 a.a.) and having a molecular mass of 9.8 kDa. The HB-EGF is purified by proprietary chromatographic techniques

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

DTR, HEGFL, diphtheria toxin receptor, DTSF.

Formulation:

The protein was filtered (0.2µm) and lyophilized from a concentrated solution containing 10mM PB and 500mM NaCl, pH7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Mouse HB-EGF in sterile 18M-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Mouse HB-EGF Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HB-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.

Amino Acid Sequence:

DLEGTDLNLF KVAFSSKPQG LATPSKERNG KKKKKGKGLG KKRDPCLRKY KDYCIHGEGR YLQEFRTPSC
KCLPGYHGHR CHGLTL.

Biological Activity:

The ED₅₀ was determined by a cell proliferation assay using balb/c 3T3 cells is < 1.0 ng/ml, corresponding to a specific activity of > 1.0×10⁶ units/mg.