

Human EGF protein (active)

Cat. No. GTX29697-pro

Applications	Functional Assay
Species	Human

Package
500 µg

PRODUCT

Summary Epidermal Growth Factor Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 53 amino acids and having a molecular mass of 6.222 kDa.

Applications

Application Note

The ED₅₀ was determined by the dose-dependant proliferation of murine BALB/c 3T3 cells (measured by 3H-thymidine uptake) is < 0.1 ng/ml corresponding to a specific activity of 1 x 10⁷ Units/mg.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with ddH ₂ O but not less than 100 µg/ml. Lyophilized from PBS (pH7.4).
Preservative	No preservatives
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
Region/Sequence	NSDSECPLSH DGYCLHDGVC MYIEALDKYA CNCVVGIGIE RCQYRDLKWW ELR.
Expression System	E. coli
Purity	> 98% by SDS-PAGE and HPLC.
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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