Product datasheet

Epidermal Growth Factor (hEGF), human recombinant, 500 µg

Short overview

Cat. No.	63301
Quantity	500 µg

Product description

Source	Human recombinant, produced in E. coli
Molecular Weight	6.2 kDa
Purity	> 98% (determined by SDS gelelectrophoresis)
Reconstitution	Reconstitute in 1 ml dist. water, resulting in a final EGF concentration of 0.5 mg/ml PBS. Dilute further in PBS as required.
Application	Characterized growth factor additive in cell culture media for keratinocytes, epithelial and epidermal cells
UniprotID	P01133 (Human)
Synomym	EGF
Purification	Ion exchange chromatography
Storage	Lyophilized at 2-8°C; reconstituted at -20°C (avoid freeze/thaw cycles)
Intended use	Research use only

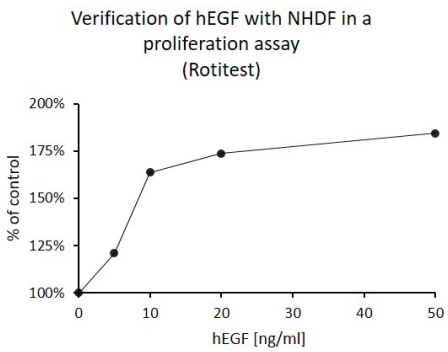
Background

Recombinant human Epidermal Growth Factor (hEGF). Growth factor additive in cell culture media for keratinocytes, epithelial and epidermal cells.

Biological Activity:< 15 ng/ml for half maximum stimulation of cell proliferation with NHDF cells.

Biological Test System:Cell proliferation assay with NHDF cells.

Product images



Verification of hEGF with NHDF in a proliferation assay (Rotitest)