

## Product datasheet

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

#### Short overview

<b>Cat. No.</b>	63301
<b>Quantity</b>	500 µg

#### Product description

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

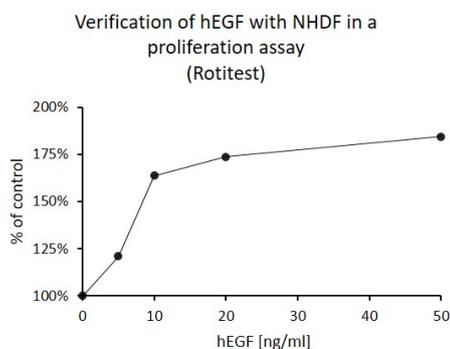
#### Background

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)