

# Recombinant Human EGF Protein, GMP Grade, Animal-Free

Cat. No. EGF-27HG Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human EGF protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	EGF is a potent growth factor that stimulates the proliferation of various epidermal and epithelial cells. Additionally, EGF has been shown to inhibit gastric secretion, and to be involved in wound healing. EGF signals through a receptor known as c-erbB, which is a class I tyrosine kinase receptor. This receptor also binds with TGF- $\alpha$ and VGF (vaccinia virus growth factor).
<b>AA Sequence</b>	NSDSECLSHDGYCLHDGVCMYIEALDKYACNCVVG YIGERCQYRDLKWWELR
<b>Purity</b>	$\geq 98\%$ by SDS-PAGE gel and HPLC analyses.

## GENE INFORMATION

<b>Gene Name</b>	EGF epidermal growth factor [ Homo sapiens (human) ]
<b>Official Symbol</b>	EGF
<b>Synonyms</b>	EGF; epidermal growth factor; epidermal growth factor (beta urogastrone); pro-epidermal growth factor; beta-urogastrone; URG; HOMG4;

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Gene ID	1950
mRNA Refseq	NM_001178130
Protein Refseq	NP_001171601
MIM	131530
UniProt ID	P01133

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