

# Product Datasheet

## Recombinant Human EGF Protein NBP2-26561

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-26561**

## Recombinant Human EGF Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized 18 M omega-cm water to a final concentration of at least 0.1 mg/ml.
Purity	>95%, by HPLC
Buffer	Lyophilized from a concentrated solution containing PBS pH-7.4.
Target Molecular Weight	6.2 kDa

Product Description	
Description	Recombinant biologically active EGF protein. <b>Source:</b> <i>E. coli</i>
Gene ID	1950
Gene Symbol	EGF
Species	Human
Details of Functionality	Recombinant Human Epidermal Growth Factor is fully biologically active when compared to standards. The ED50, calculated by the dose-dependant proliferation of murine BALB/c 3T3 cells (measured by 3H-thymidine uptake) is less than 0.1 ng/ml corresponding to a specific activity of $1 \times 10^7$ Units/mg.
Notes	After reconstitution, store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Endotoxin Note	Less than 0.1 ng/ug (IEU/ug) of recombinant EGF .

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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