

# Product Datasheet

## Recombinant Human, EGF Protein NBP1-99256

Unit Size: 0.5 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP1-99256**

Recombinant Human, EGF Protein

| Product Information         |                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 mg                                                                                                                                                                                      |
| Concentration               | Lyoph                                                                                                                                                                                       |
| Storage                     | Store at -20 to -80C. Avoid freeze-thaw cycles.                                                                                                                                             |
| Reconstitution Instructions | Reconstitute in H <sub>2</sub> O to a concentration of 0.1-1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4C for 1 week or -20C for long-term storage. |
| Purity                      | >98%, by SDS-PAGE                                                                                                                                                                           |
| Buffer                      | Lyophilized with no additives.                                                                                                                                                              |
| Target Molecular Weight     | 6.2 kDa                                                                                                                                                                                     |

| Product Description      |                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Description              | Recombinant bioactive protein containing 53 amino acids for Human EGF<br><br><b>Source:</b> <i>E. coli</i><br><b>Amino Acid Sequence:</b> (Q6QBS2) |
| Gene ID                  | 1950                                                                                                                                               |
| Gene Symbol              | EGF                                                                                                                                                |
| Species                  | Human                                                                                                                                              |
| Preparation Method       | Determined to be >98% pure by SDS-PAGE                                                                                                             |
| Details of Functionality | The ED50 of human EGF is determined by the dose-dependent stimulation of BALB/c 3T3 cells is 5.92-10.06 ng/ml.                                     |
| Endotoxin Note           | <0.1 ng/ug                                                                                                                                         |

| Product Application Details |                       |
|-----------------------------|-----------------------|
| Applications                | SDS-Page, Bioactivity |
| Recommended Dilutions       | SDS-Page, 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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