

# Product Datasheet

## Recombinant Human EGF GMP Protein NBP2-61391-1000ug

Unit Size: 1000 ug

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

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**NBP2-61391-1000ug**

Recombinant Human EGF GMP Protein

Product Information	
Unit Size	1000 ug
Concentration	Lyoph
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer to a final concentration of 0.1 - 1.0 mg/ml.
Purity	>98%, by HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	6.2 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 53 amino acids.</p> <p><b>Source:</b> <i>Escherichia coli</i>.</p> <p><b>Amino Acid Sequence:</b>  NSDSECPLSH DGYCLHDGVC MYIEALDKYA CNCVVG YIGE RCQYRDLKWW  ELR</p>
Gene ID	1950
Gene Symbol	EGF
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 0.1 ng/ml, corresponding to a specific activity of > 1.0 x 10 <sup>7</sup> IU/mg.
Endotoxin Note	Less than 0.01 EU/ug of rHuEGF GMP as determined by LAL method.

Product Application Details	
Applications	Western Blot, Bioactivity
Recommended Dilutions	Western Blot, 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. This product is guaranteed for 1 year from date of receipt.

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