

Recombinant Human EGF Protein, His tag

产品信息

产品名称	产品编号	规格
Recombinant Human EGF Protein, His tag	92701ES10	10 µg
	92701ES60	100 µg
	92701ES76	500 µg
	92701ES80	1 mg

产品简介

Human epidermal growth factor (EGF) protein is a naturally occurring protein that plays a vital role in cell growth and development. It is produced and released by various cells in the body, including the skin, salivary glands, and kidneys. human EGF protein is a vital protein in the body that plays a crucial role in cell growth, tissue regeneration, and overall health. Its inclusion in various skincare products has made it a popular ingredient in the pursuit of healthier and more youthful-looking skin.

性能参数

Synonyms	EGF, URG, HOMG4
Uniprot No.	P01133
Source	Human EGF Protein is expressed from E.coli with His tag at the C-terminal. It contains Asn971-Arg1023.
Molecular Weight	Approximately 7.3 kDa.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	< 0.1 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS.
Reconstitution	Centrifuge tubes before opening. Dissolve lyophilized protein with PBS. Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1.Please operate with lab coats and disposable gloves, for your safety.

2.This product is for research use only.

产品数据

SDS-PAGE

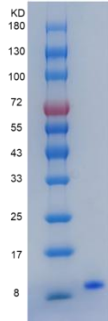


Figure 1. Human EGF on SDS-PAGE under reduced condition. The purity is greater than 95%.

SPR Data

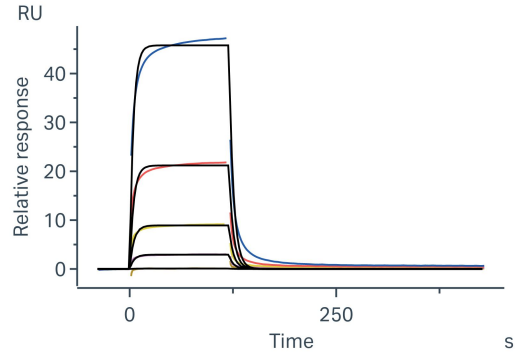


Figure 2. Human EGF, His Tag , immobilized on CM5 chip can bind EGFR with an affinity constant of 7.14×10^{-6} M as determined in a SPR assay (Biacore 8K).