

EGF

Recombinant Human Epidermal Growth Factor 21-Leu

Catalog No.	CRE026A CRE026B CRE026C	Quantity:	20 µg 100 µg 1 mg
Alternate Names:	Beta-Urogastrone, HOMG4, URG		
Gene ID:	1950		
Description:	Recombinant human EGF 21-Leu is a single, non-glycosylated polypeptide chain containing 53 amino acids.		
Source:	<i>E. coli</i>		
Molecular Weight:	6.2 kDa		
Formulation:	Lyophilized from a sterile filtered solution without additives		
Purity:	> 98% as determined by RP-HPLC and SDS-PAGE analyses		
Endotoxin Level:	< 0.1 ng/µg of EGF		
Biological Activity:	Calculated by the dose-dependent proliferation of MDCK cells. The ED ₅₀ is < 10 ng/ml.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Asn-Ser-Asp-Ser-Glu.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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