

## GLP1

### Recombinant Human Glucagon Like Peptide-1 (GLP-1)

<b>Catalog No.</b>	CRG509A CRG509B CRG509C	<b>Quantity:</b>	10 µg 50 µg 1.0 mg
<b>Description:</b>	Recombinant Human Glucagon Like Peptide-1 is a single, non-glycosylated, polypeptide chain containing 30 amino acids.		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	3.2987 kDa		
<b>Formulation:</b>	Lyophilized after extensive dialyses against 0.1 mg sodium phosphate monobasic and 1.6 mg sodium phosphate dibasic.		
<b>Purity:</b>	>95.0% as determined by RP-HPLC and SDS-PAGE analyses.		
<b>Endotoxin Level:</b>	Less than 0.1 ng/µg (1 EU/µg)		
<b>Biological Activity:</b>	Regulates glucose levels rapidly, reduces insulin resistance, reduces glucagon, reduces HbA1c and stimulates beta cell growth which stimulates insulin production.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute the lyophilized Recombinant Human GLP-1 in sterile, distilled H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable at 2-4°C for several weeks, but preferably store lyophilized protein at -20°C to -80°C. Reconstituted protein should be aliquoted and stored at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. <b>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.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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