

Recombinant Human GCG Protein, His-tagged

Cat. No. GCG-4969H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GLP-1 (7-37) (HAEGTFTSDVSSYLEGQAAKEFIAWLVRGRG) K34R mutant peptide with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	7-37 a.a.
Description	The protein encoded by this gene is actually a preproprotein that is cleaved into four distinct mature peptides. One of these, glucagon, is a pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. Glucagon is a ligand for a specific G-protein linked receptor whose signalling pathway controls cell proliferation. Two of the other peptides are secreted from gut endocrine cells and promote nutrient absorption through distinct mechanisms. Finally, the fourth peptide is similar to glicentin, an active enteroglucagon. [provided by RefSeq]
Form	Lyophilized
Molecular Mass	3.38 kDa
Purity	>= 90% by RP-HPLC
Applications	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store at -20 centigrade. After reconstitution with ddH₂O, store at -20 centigrade.
Aliquot to avoid repeated freezing and thawing.

Storage Buffer

Lyophilized from ddH₂O with no additives

GENE INFORMATION**Gene Name**

GCG glucagon [Homo sapiens]

Official Symbol

GCG

Synonyms

GCG; glucagon; glicentin related polypeptide; GLP1; GLP2; glucagon like peptide 1; glucagon like peptide 2; GRPP; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide;

Gene ID

2641

mRNA Refseq

NM_002054

Protein Refseq

NP_002045

MIM

138030

UniProt ID

P01275

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA