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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GCG (Human) Recombinant Protein

Catalog Number: P10633

Regulation Status: For research use only (RUO)

Product Description: Human GCG partial recombinant protein with His tag at the C-terminus expressed in CHO cells.

Sequence:

RSLQDTEEKSRFSASQADPLSDPDQMNEDEKRSQGTFTSDYSKYLSRRRAQDFVQWLMNTKRNRRNNIAKRHDEFERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRGRDPEEVAIVEELGRRHADGSFSDEMNTILDNLARDFINWLIQTKITDRK

Host: Mammals

Theoretical MW (kDa): 19.45

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (CHO) expression system

Purification: Ni-NTA chromatography

Purity: > 90% as determined by SDS-PAGE.

Endotoxin Level: < 0.1 EU/ ug of protein by the LAL method.

Recommend Usage: SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.

Storage Instruction: Store at -20°C for 12 months in lyophilized state.

After reconstitution with deionized water, store at -20 or -80°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2641

Gene Symbol: GCG

Gene Alias: GLP1, GLP2, GRPP

Gene Summary: 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]