

Product datasheet for TP501620

Gcg (NM_008100) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glucagon (Gcg), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201620 protein sequence Red =Cloning site Green =Tags(s)
	MKTIYFVAGLLIMLVQGSWQHALQDTEENPRSPASQTEAHEDPDEMNEKDRHSQGTFTSDYSKYLDSRR AQDFVQWLMNTRNRNNAKRHDEFERHAEGTFTSDVSSYLEGQAAKEFIWLVKGRGRDFPEEVAIAE ELGRRHADGFSDEMSTILDNLATRDFINWLIQTKITDKK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032126
Locus ID:	14526
UniProt ID:	P55095
RefSeq Size:	1091
Cytogenetics:	2 35.85 cM



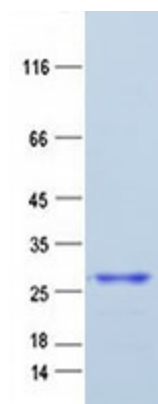
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RefSeq ORF: 543

Synonyms: Gl; GLP; GLP-1; Glu; P; PPG

Summary: This gene encodes glucagon, a pancreatic hormone that counteracts the action of insulin in the bloodstream. The encoded protein is processed to generate glucagon and two other glucagon-like peptides, GLP1 and GLP2. Glucagon stimulates gluconeogenesis, glycogenolysis and lipolysis. GLP1 induces secretion of insulin, suppresses glucagon secretion and inhibits feeding. GLP2 induces intestinal absorption of glucose by stimulating the growth of intestinal cells and preventing apoptosis. [provided by RefSeq, Apr 2015]

Product images:



Purified recombinant protein Gcg was analyzed by SDS-PAGE gel and Coomassie Blue Staining.