9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GIP Human

Gastric Inhibitory Polypeptide Human Recombinant
RCP0914

Product Overview

Name	GIP Human
Description	
Gastric Inhibitory Polypeptide Human Recombinant	
Accession (Primary)	P09681
Synonyms	
Gastric inhibitory polypeptide, GIP, Incretin hormone.	
Introduction	
Gastric Inhibitory Polypeptide (GIP) which is a significant hormone of the enteroinsular axis has a functional profile of possible therapeutic value for type 2 diabetes. GIP is an important incretin hormone released into the circulation from endocrine K-cells of the duodenum and jejunum after ingestion of food1. GIP was evaluated for his ability to elevate cellular cAMP production. GIP promotes plasma triglyceride clearance in response to oral fat loading.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The GIP solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol 0.1M NaCl and 2mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS EKKEGHF SALPSLPVGS HAKVSSPQPR GPRYAEGTFI SDYSIAMDKI HQQDFVNWLL AQKGKKNDWK HNITQREARA LELAGQANRK EEEAVEPQSS PAKNPSDEDL LRDLLIQELL ACLLDQTNLC RLRSR.	
Precautions	
GIP Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P09681)