ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Gastric Inhibitory Polypeptide Human Recombinant

Item Number	rAP-3941
Synonyms	Gastric inhibitory polypeptide, GIP, Glucose-dependent insulinotropic polypeptide, Incretin hormone.
Description	GIP Human Recombinant produced in E. coli is a single polypeptide chain containing 155 amino acids (22-153) and having a molecular mass of 17.3kDa. GIP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P09681
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSEKKEGHF SALPSLPVGS HAKVSSPQPR GPRYAEGTFI SDYSI-AMDKI HQQDFVNWLL AQKGKKNDWK HNITQREARA LELAGQANRK EEEAVEPQSS PAKNPSDEDL LRDLLIQELL ACLLDQTNLC RLRSR.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The GIP solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol 0.1M NaCl and 2mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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