

Recombinant Mouse Gip Protein, Myc/DDK-tagged

Cat. No. Gip-3212M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length gastric inhibitory polypeptide (Gip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes an incretin hormone that belongs to the glucagon superfamily. The encoded preproprotein undergoes proteolytic processing to generate mature peptides that function as potent stimulators of insulin secretion and inhibit gastric acid secretion. Transgenic mice overexpressing the encoded protein exhibit a significant increase in the expression of markers of bone formation, a decrease in the expression of markers of bone resorption and, an increase in the bone mass.
Molecular Mass	16.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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 Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Gip gastric inhibitory polypeptide [*Mus musculus* (house mouse)]

Official Symbol Gip

Synonyms Gip; gastric inhibitory polypeptide; gastric inhibitory polypeptide; glucose-dependent insulinotropic polypeptide

Gene ID 14607

mRNA Refseq NM_008119

Protein Refseq NP_032145

UniProt ID P48756

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