

Product datasheet for **TP526309**

Gip (NM_008119) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse gastric inhibitory polypeptide (Gip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226309 protein sequence Red =Cloning site Green =Tags(s)
	 MVALKTCSSLLLVLLFLAVGLGEKEEVEFRSHAKFAGPRPRGPRYAEGTFISDIAMDKIRQQDFVNWLL AQRGKKS DWKH NITQREARALVLAGQS QGKEDKEAQGSSLPKSLSDDDVLRDLLIQELLAWMVDQTELCR LRSQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	16.3 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:	<u>NP_032145</u>
Locus ID:	14607
UniProt ID:	<u>P48756</u>
RefSeq Size:	649
Cytogenetics:	11 D



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RefSeq ORF: 435

Summary: 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. [provided by RefSeq, Nov 2015]