

OriGene Technologies, Inc.

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Product datasheet for TP322456

GIP (NM_004123) Human Recombinant Protein

Product data:

Nescription:Recombinant protein of human gastric inhibitory polypeptide (GIP), 20 µgSpecies:HumanExpression DDNACtionREK233TKarde-Cloning site Green=Tags(s)Red-Cloning site Green=Tags(s)WAYTKTFALLLLSLFLAVGLGKKKEGHFSALPSLPVGSHAKVSSPQPRGPRYAEGTFISDYSLAMDKIHQ LDQTNLCRLRSRMVARTKTFALLLLSLFLAVGLGKKKEGHFSALPSLPVGSHAKVSSPQPRGPRYAEGTFISDYSLAMDKIHQ LDQTNLCRLRSRTag:CMAyCDKTRTRPLEQKLISEEDLAANDILDYKDDDDVTag:CMy/DDKSecond State	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA CloonRC222456 protein sequence Red=Cloning site Green=Tags(s)RC222456 protein sequence Red=Cloning site Green=Tags(s)RVATKTFALLLLSLFLAVGLGEKKEGHFSALPSLPVGSHAKVSSPQPRGPRYAEGTFISDYSIAMDKIHQ QDFVNWLLAQKGKKNDWKHNITQREARALELAGQANRKEEEAVEPQSSPAKNPSDEDLLRDLLIQELLAC LLDQTNLCRLRSRTag:NTRPLEQKLISEEDLAANDILDYKDDDDKVPredicted MW:4.9 KDaConcentration:0.005 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.005 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora 4.80°C.Fatbility:Sable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 004114Locus ID:090681	Description:	Recombinant protein of human gastric inhibitory polypeptide (GIP), 20 μg
Pression cDNA GlowR222456 protein sequence Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)WVATKTFALLLLSLFLAVGLGEKKEGHFSALPSLPVGSHAKVSSPQPRGPRYAEGTFISDYSIAMDKIHQ QDFVNWLLAQKGKKNDWKHNITQREARALELAGQANRKEEEAVEPQSSPAKNPSDEDLLRDLLIQELLAC LLDQTNLCRLRSRTARRPLEQKLISEEDLAANDILDYKDDDDKVTag:CMc/DDKPredicted MW:4.9 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:S0m Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora 80°C.Stability:Stabel for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M.P.004114Locus ID:90681	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)WVATKTFALLLLSLFLAVGLGEKKEGHFSALPSLPVGSHAKVSSPQPRGPRYAEGTFISDYSIAMDKIHQ QDFVNWLLAQKGKKNDWKHNITQREARALELAGQANRKEEEAVEPQSSPAKNPSDEDLLRDLLIQELLAC LLDQTNLCRLRSRTag:CMC/DDKPredicted MW:4.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Storage:Storage:Store at -80°C.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:MP 004114Locus ID:2695UniProt ID:P09681	Expression Host:	HEK293T
QDFVNWLLAQKGKKNDWKHNITQREARALELAGQANRKEEEAVEPQSSPAKNPSDEDLLRDLLIQELLAC LLDQTNLCRLRSRTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:4.9 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Store at -80°C.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 004114Locus ID:2695UniProt ID:P09681	•	
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 004114Locus ID:2695UniProt ID:P09681	Storage:	Store at -80°C.
Locus ID: 2695 UniProt ID: P09681	Stability:	
UniProt ID: <u>P09681</u>	RefSeq:	<u>NP 004114</u>
	Locus ID:	2695
RefSeq Size: 711	UniProt ID:	<u>P09681</u>
	RefSeq Size:	711

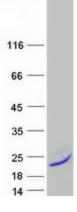


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	GIP (NM_004123) Human Recombinant Protein – TP322456
Cytogenetics:	17q21.32
RefSeq ORF:	459
Summary:	This gene encodes an incretin hormone and belongs to the glucagon superfamily. The encoded protein is important in maintaining glucose homeostasis as it is a potent stimulator of insulin secretion from pancreatic beta-cells following food ingestion and nutrient absorption. This gene stimulates insulin secretion via its G protein-coupled receptor activation of adenylyl cyclase and other signal transduction pathways. It is a relatively poor inhibitor of gastric acid secretion. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified GIP protein (Cat# TP322456). The protein was produced from HEK293T cells transfected with GIP cDNA clone (Cat# [RC222456]) using MegaTran 2.0 (Cat# [TT210002]).

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