

Product datasheet for **TP310222**

Gastrin (GAST) (NM_000805) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human gastrin (GAST), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC210222 protein sequence Red =Cloning site Green =Tags(s) |
| | MQRLCVYVLIFALALAAFSEASWKPRSQQPDAPLGTGANRDLELPWLEQQGPASHHRRQLGPPQPPHLVA DPSKKQGPWLEEEEEAYGWMDFGRRSAEDEN TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 9.2 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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_000796</u> |
| Locus ID: | 2520 |
| UniProt ID: | <u>P01350</u> , <u>A0A0E3VY36</u> |
| RefSeq Size: | 475 |
| Cytogenetics: | 17q21.2 |



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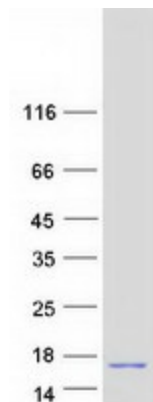
RefSeq ORF: 303

Synonyms: GAS

Summary: Gastrin is a hormone whose main function is to stimulate secretion of hydrochloric acid by the gastric mucosa, which results in gastrin formation inhibition. This hormone also acts as a mitogenic factor for gastrointestinal epithelial cells. Gastrin has two biologically active peptide forms, G34 and G17. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified GAST protein (Cat# TP310222). The protein was produced from HEK293T cells transfected with GAST cDNA clone (Cat# [RC210222]) using MegaTran 2.0 (Cat# [TT210002]).