

Product datasheet for TP500311

Gast (NM_010257) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse gastrin (Gast), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200311 protein sequence Red =Cloning site Green =Tags(s)
	MPRLCVYMLVVLALATFSEASWKPRSQIQDASSGPGTNELEQRQFNKLGSAHHRRQLGLQGPQHFA DLSKKQRPRMEEEEEAYGWMDFGRRSAEEDQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	11.6 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:	NP_034387
Locus ID:	14459
UniProt ID:	P48757
RefSeq Size:	455
Cytogenetics:	11 63.46 cM
RefSeq ORF:	306



[View online »](#)

Synonyms: G; GAS

Summary: This gene encodes the peptide hormone gastrin, which stimulates gastric acid secretion, proliferation, cell migration and angiogenesis, as well as inhibits apoptosis. The encoded preproprotein undergoes proteolytic processing to generate multiple gastrin peptides differing in size. Mice lacking the encoded protein exhibit a decrease in the number of parietal cells, achlorohydria and a decrease in the colonic proliferation. [provided by RefSeq, Nov 2015]