

## Product datasheet for **TP317195M**

### Guanylin (GUCA2A) (NM\_033553) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanylate cyclase activator 2A (guanylin) (GUCA2A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217195 representing NM_033553 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNAFLLSALCLLGAWAALAGGVTVQDGNFSFSLESVKLKDLDLQEPQEPVVGKLRNFAPIPGEPVWPILCS NPNFPEELKPLCKEPNAQEILQRLEEIAEDPGTCEICAYAACTGC
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	12.2 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:	<a href="#">NP_291031</a>
Locus ID:	2980
UniProt ID:	<a href="#">Q02747</a>
RefSeq Size:	575
Cytogenetics:	1p34.2



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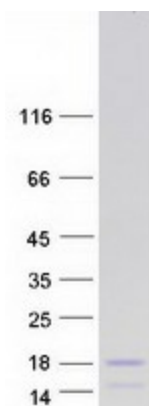
RefSeq ORF: 345

Synonyms: GCAP-I; GUCA2; STARA

Summary: Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins.[UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein, Transmembrane

### Product images:



Coomassie blue staining of purified GUCA2A protein (Cat# [TP317195]). The protein was produced from HEK293T cells transfected with GUCA2A cDNA clone (Cat# [RC217195]) using MegaTran 2.0 (Cat# [TT210002]).