

Product datasheet for PH317195

Guanylin (GUCA2A) (NM_033553) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GUCA2A MS Standard C13 and N15-labeled recombinant protein (NP_291031)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217195
Predicted MW:	12.2 kDa
Protein Sequence:	>RC217195 representing NM_033553 Red =Cloning site Green =Tags(s) MNAFLLSALCLLGAWAALAGGVTVQDGNFSFSLESVKKLDLQEPQEPVGRKLRNFAPIPGEPVVPILCS NPNFPEELKPLCKEPNAQEILQRLEEIAEDPGTCEICAYAACTGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_291031
RefSeq Size:	575
RefSeq ORF:	345
Synonyms:	GCAP-I; GUCA2; STARA
Locus ID:	2980
UniProt ID:	Q02747
Cytogenetics:	1p34.2

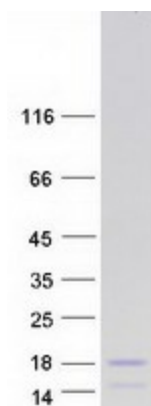


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Summary: Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins.[UniProtKB/Swiss-Prot Function]

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]).