

Recombinant Mouse Guca2a Protein, MYC/DDK-tagged

Cat. No. Guca2a-1077M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse guanylate cyclase activator 2a (guanylin) (Guca2a), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins.
Molecular Mass	12.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Guca2a guanylate cyclase activator 2a (guanylin) [Mus musculus (house mouse)]
Official Symbol	Guca2a
Synonyms	Guca2a; guanylate cyclase activator 2a (guanylin); Guca2; guanylin; guanylate cyclase activator 2 (guanylin 2, intestinal, heatstable)
Gene ID	14915
mRNA Refseq	NM_008190
Protein Refseq	NP_032216
UniProt ID	P33680

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