

Recombinant Human GUCA2B cell lysate

Cat. No. GUCA2B-767HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Uroguanylin and guanylin (GUCA2A; MIM 139392), peptide homologs of the bacterial heat-stable enterotoxins (e.g., the E. coli ST toxin; STa), are endogenous activators of the guanylate cyclase-2C receptor (GUCY2C; MIM 601330), which synthesizes cyclic GMP (cGMP), a key component of several intracellular signal transduction pathways.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GUCA2B guanylate cyclase activator 2B (uroguanylin) [Homo sapiens]
Official Symbol	GUCA2B
Synonyms	GUCA2B; guanylate cyclase activator 2B (uroguanylin); guanylate cyclase activator 2B; uroguanylin; UGN; GCAP-II;

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Gene ID	2981
mRNA Refseq	NM_007102
Protein Refseq	NP_009033
MIM	601271
UniProt ID	Q16661
Chromosome Location	1p34-p33
Pathway	Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	calcium sensitive guanylate cyclase activator activity; enzyme activator activity;

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