

Recombinant Human GUCA2B cell lysate

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

SPECIFICATION

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|-----------------------|---|
| 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

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|------------------------|--|
| 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; |
| Gene ID | 2981 |

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|----------------------------|--|
| 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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