Recombinant Human GUCA2B Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. GUCA2B-368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GUCA2B MS Standard C13 and N15-labeled recombinant protein (NP_009033) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products, including uroguanylin, a member of the guanylin family of peptides and an endogenous ligand of the guanylate cyclase-C receptor. Binding of this peptide to its cognate receptor stimulates an increase in cyclic GMP and may regulate salt and water homeostasis in the intestine and kidneys. [provided by RefSeq, Nov 2015]
Molecular Mass	12.1 kDa
AA Sequence	MGCRAASGLLPGVAVVLLLLLQSTQSVYIQYQGFRVQLESMKKLSDLEAQWAPSPR LQAQSLLPAVCHHPALPQDLQPVCASQEASSIFKTLRTIANDDCELCVNVACTGCLT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GUCA2B guanylate cyclase activator 2B (uroguanylin) [Homo sapiens (human)]
Official Symbol	GUCA2B
Synonyms	GUCA2B; guanylate cyclase activator 2B (uroguanylin); guanylate cyclase activator 2B; uroguanylin; UGN; GCAP-II;
Gene ID	2981
mRNA Refseq	NM_007102
Protein Refseq	NP_009033
MIM	601271
UniProt ID	Q16661

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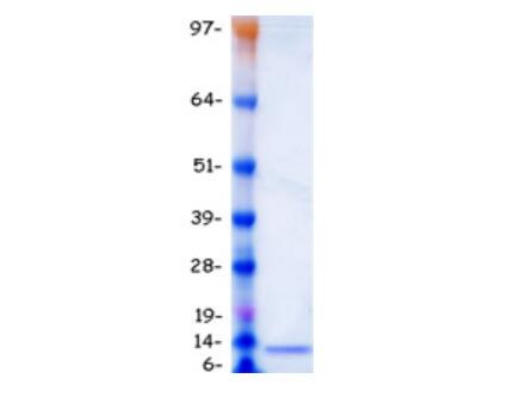
SDS-PAGE	

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