

Recombinant Human GUCA2A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GUCA2A-975H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GUCA2A MS Standard C13 and N15-labeled recombinant protein (NP_291031) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	12.2 kDa
AA Sequence	MNAFLLSALCLLGAWAALAGGVTVDGNFSFSLESVKKLKDLQEPQEPVVGKLRNF APIPGEPVVPILCSNPNFPPEELKPLCKEPNAQEILQRLEEIAEDPGTCEICAYAACTGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA

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Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GUCA2A guanylate cyclase activator 2A [Homo sapiens (human)]

Official Symbol GUCA2A

Synonyms GUCA2A; guanylate cyclase activator 2A (guanylin); GUCA2; guanylin; STARA; guanylate cyclase-activating protein 1; guanylate cyclase-activating protein I; guanylate cyclase activator 2A (guanylin 2, intestinal, heat-stable); GCAP-I;

Gene ID 2980

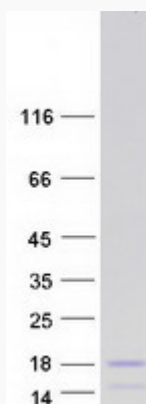
mRNA Refseq NM_033553

Protein Refseq NP_291031

MIM 139392

UniProt ID Q02747

SDS-PAGE



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