

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

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

## SPECIFICATION

<b>Product Overview</b>	GUCA2A MS Standard C13 and N15-labeled recombinant protein (NP_291031) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins.
<b>Molecular Mass</b>	12.2 kDa
<b>AA Sequence</b>	MNAFLLSALCLLGAWAALAGGVTVQDGNFSFSLESVKKLKDQLQEPQEPVVGKLRNF APIPGEPVVPILCSNPNFPEELKPLCKEPNAQEILQRLEEIAEDPGTCEICAYAAGCTGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	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](#)

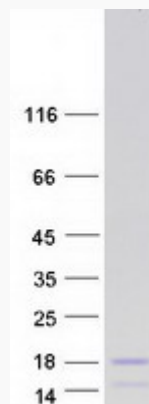
**mRNA Refseq** [NM\\_033553](#)

**Protein Refseq** [NP\\_291031](#)

**MIM** [139392](#)

**UniProt ID** [Q02747](#)

## SDS-PAGE



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