

Recombinant Human GUCA2B protein, His-SUMO-tagged

Cat. No. GUCA2B-4375H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUCA2B protein(Q16661)(27-112aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	27-112aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	25.5 kDa
AA Sequence	VYIQYQGFRVQLESMKKLSDLEAQWAPSPRLQAQSLP VCHHPALPQDLQPVCAS QEASSIFKTLRTIANDDCELCVNVACTGCL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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;
Gene ID	2981
mRNA Refseq	NM_007102
Protein Refseq	NP_009033
MIM	601271
UniProt ID	Q16661

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