

Recombinant Human GUCA1B Protein, His-tagged

Cat. No. GUCA1B-808H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GUCA1B fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a calcium-binding protein that activates photoreceptor guanylate cyclases. This gene may have arisen due to a gene duplication event since there is a highly similar gene clustered with it on chromosome 6. Mutations in this gene can cause a form of retinitis pigmentosa.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	23.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	GUCA1B guanylate cyclase activator 1B (retina) [Homo sapiens]
Official Symbol	GUCA1B

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Synonyms	GUCA1B; guanylate cyclase activator 1B (retina); guanylyl cyclase-activating protein 2; GCAP2; GCAP 2; guanylate cyclase-activating protein, photoreceptor 2; RP48; GUCA2; DKFZp686E1183;
Gene ID	2979
mRNA Refseq	NM_002098
Protein Refseq	NP_002089
MIM	602275
UniProt ID	Q9UMX6

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