

Recombinant Human GUCA1B Protein, GST-tagged

Cat. No. GUCA1B-4484H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GUCA1B partial ORF (NP_002089, 93 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Nov 2009]
Molecular Mass	37.62 kDa
AA Sequence	KLKWTFKIYDKDGNCGIDRLELLNIVEGIYQLKKACRRELQTEQDQLLTPEEVVDRIFL LVDENGDGQLSLNEFVEGARRDKWVMKMLQMDMNPSSWLAQQRKSAMF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [GUCA1B guanylate cyclase activator 1B \(retina\) \[Homo sapiens \]](#)

Official Symbol [GUCA1B](#)

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](#)

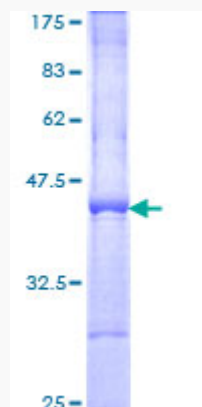
UniProt ID [Q9UMX6](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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