

Recombinant Human GUCY1A2 Protein, GST-tagged

Cat. No. GUCY1A2-4488H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GUCY1A2 partial ORF (NP_000846, 296 a.a. - 401 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Soluble guanylyl (or guanylate) cyclases are heterodimeric enzymes consisting of an alpha subunit, such as alpha-2 (GUCY1A2), and a beta subunit, typically beta-1 (GUCY1B3; MIM 139397), which are activated by nitric oxide (NO) and which catalyze conversion of GTP to 3-prime, 5-prime-cyclic GMP and pyrophosphate (Harteneck et al., 1991 [PubMed 1683630]).[supplied by OMIM
Molecular Mass	37.4 kDa
AA Sequence	CENTNIMKNLPQGTSQVPADLRISINTFCRAFPFHLMFDPMSMSVLQLGEGLRKQLRC DTHKVLKFEDCFEIVSPKVNATFERVLLRLSTPFVIRTKPEASGSENKD
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 GUCY1A2 guanylate cyclase 1, soluble, alpha 2 [Homo sapiens]

Official Symbol GUCY1A2

Synonyms GUCY1A2; guanylate cyclase 1, soluble, alpha 2; GUC1A2; guanylate cyclase soluble subunit alpha-2; GC SA2; GCS-alpha-2; GC-SA2;

Gene ID 2977

mRNA Refseq NM_000855

Protein Refseq NP_000846

MIM 601244

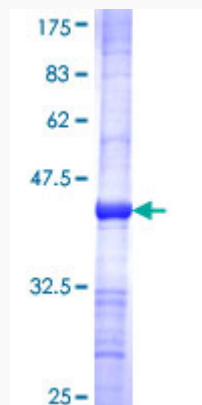
UniProt ID P33402

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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