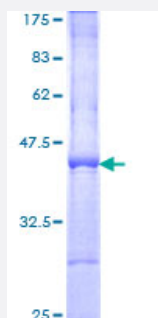


GUCA1B (Human) Recombinant Protein (Q01)

Catalog # H00002979-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GUCA1B partial ORF (NP_002089, 93 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KLKWTFKMYDKDGNCGIDRLELLNIVEGYQLKKACRRELQTEQDQLLTPEEVVDRIFFLLVDENGDG QLSLNEFVEGARRDKWVMKMLQMDMNPSSWLAQQRRKSAMF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GUCA1B

Entrez GeneID	2979
GeneBank Accession#	NM_002098
Protein Accession#	NP_002089
Gene Name	GUCA1B
Gene Alias	DKFZp686E1183, GCAP2, GUCA2
Gene Description	guanylate cyclase activator 1B (retina)
Omim ID	602275
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000016398 OTTHUMP00000039781 guanylate cyclase-activating protein 2

Pathway

- [Olfactory transduction](#)

Disease

- [Retinal Degeneration](#)
- [Retinal Diseases](#)