

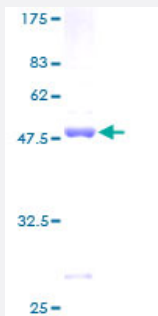
Full-Length

CYGB (Human) Recombinant Protein (P01)

Catalog # H00114757-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CYGB full-length ORF (AAH29798, 1 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEKVPGEMEIERRERSEELSEAERKAVQAMWARLYASCEDVGVAILVRFFVNFPSAKQYFSQFK HMEDPLEMERSPQLRKHACRVMGALNTVVENLHDPDKVSSVLALVGKAHALKHKVEPVYFKILS GVILEVVAEEFASDFPPETQRAWAKLRGLIYSHVTAAYKEVGWVQQVPNATTPPATLPSSGP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.64
Interspecies Antigen Sequence	Mouse (94); Rat (93)
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 — CYGB

Entrez GeneID	114757
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GeneBank Accession#	BC029798
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Protein Accession#	AAH29798
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Gene Name	CYGB
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Gene Alias	HGB, STAP
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Gene Description	cytoglobin
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Omim ID	608759
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Gene Ontology	Hyperlink
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Gene Summary	Cytoglobin is a ubiquitously expressed hexacoordinate hemoglobin that may facilitate diffusion of oxygen through tissues, scavenge nitric oxide or other reactive oxygen species, or serve a protective function during oxidative stress (Trent and Hargrove, 2002 [PubMed 11893755]).[supplied by OMIM]
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Other Designations	histoglobin stellate cell activation-associated protein
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