

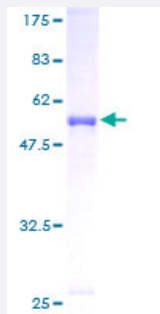
Full-Length

CACYBP (Human) Recombinant Protein (P01)

Catalog # H00027101-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CACYBP full-length ORF (AAH05975, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASEELQKDLEEVKVLLEKATRKVRDALTAEKSKIETIKNKMQQKSQKKAELLDNEKPAAVVA
PITGTYVKISNYGWDQSDKFVKMTLTGVHQVPTENVQVHFTERSFDLLVKNLNGKSYSMMVNNLL
KPISVEGSSKKVKTDTVLILCRKKVENTRWDYLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIY
EDGDDDMKRTINKAWVESREKQAKGDTEF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.82

Interspecies Antigen Sequence

Mouse (93); Rat (91)

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 — CACYBP

Entrez GeneID [27101](#)

GeneBank Accession# [BC005975](#)

Protein Accession# [AAH05975](#)

Gene Name CACYBP

Gene Alias GIG5, MGC87971, PNAS-107, RP1-102G20.6, S100A6BP, SIP

Gene Description calcyclin binding protein

Omim ID [606186](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000032884|OTTHUMP00000032885|Siah-interacting protein (SIP)|growth-inhibiting gene 5 protein

Pathway

- [Wnt signaling pathway](#)