

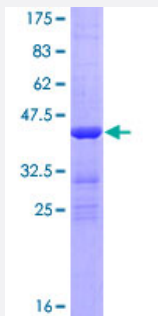
Full-Length

CBY1 (Human) Recombinant Protein (P01)

Catalog # H00025776-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CBY1 full-length ORF (NP_001002880.1, 1 a.a. - 126 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPFFGNTFSPKKTTPRKSASLSNLHSLDRSTREVELGLEYGSPTMNLAGQSLKFENGQWIAETGVSGGVDRREVQRLRRRNQQLEENLLRLKVDILLDMLSESTAESHLMEKELDELRLSRKRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.9
Interspecies Antigen Sequence	Mouse (82); Rat (83)
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 — CBY1

Entrez GeneID [25776](#)

GeneBank Accession# [NM_001002880.1](#)

Protein Accession# [NP_001002880.1](#)

Gene Name CBY1

Gene Alias C22orf2, CBY, HS508I15A, PGEA1, PIGEA-14, PIGEA14, arb1

Gene Description chibby homolog 1 (Drosophila)

Omim ID [607757](#)

Gene Ontology [Hyperlink](#)

Gene Summary Beta-catenin is a transcriptional activator and oncoprotein involved in the development of several cancers. The protein encoded by this gene interacts directly with the C-terminal region of beta-catenin, inhibiting oncogenic beta-catenin-mediated transcriptional activation by competing with transcription factors for binding to beta-catenin. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations ARPP-binding protein|OTTHUMP00000028809|PKD2 interactor, golgi and endoplasmic reticulum associated 1|coiled-coil protein PIGEA-14|cytosolic leucine-rich protein|polycystin-2 interactor, Golgi- and endoplasmic reticulum-associated protein, 14 kDa

Disease

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- [Fetal Diseases](#)

- [Genetic Predisposition to Disease](#)
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