

# Recombinant Human CBY1 Protein, His-tagged

**Cat. No.** CBY1-596H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CBY1(Lys12~Glu115) fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Lys12~Glu115                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | 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. |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 15.5kDa                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                                                                                                                |

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If bio-activity of the protein is needed, please check active protein

**Stability**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution**

Reconstitute in PBS or others

## GENE INFORMATION

**Gene Name**

CBY1 chibby family member 1, beta catenin antagonist [ Homo sapiens ]

**Official Symbol**

CBY1

**Synonyms**

CBY; arb1; PGEA1; C22orf2; PIGEA14; PIGEA-14; HS508I15A; ARPP-binding protein; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; chibby CTNNB1-mediated transcription inhibitor; chibby homolog 1

**Gene ID**

25776

**mRNA Refseq**

NM\_001002880

**Protein Refseq**

NP\_001002880

**MIM**

607757

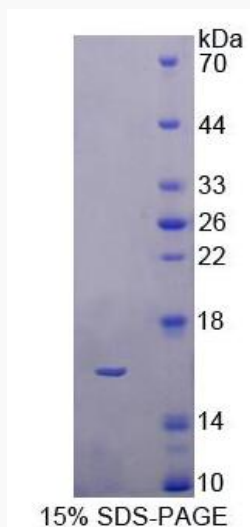
**UniProt ID**

Q9Y3M2

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