

Recombinant Human CBY1 Protein (Lys12-Glu115), His tagged

Cat. No. CBY1-1388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CBY1 (Lys12-Glu115) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys12-Glu115
Description	Inhibits the Wnt/Wingless pathway by binding to CTNNB1/beta-catenin and inhibiting beta-catenin-mediated transcriptional activation through competition with TCF/LEF transcription factors. Has also been shown to play a role in regulating the intracellular trafficking of polycystin-2/PKD2 and possibly of other intracellular proteins. Promotes adipocyte and cardiomyocyte differentiation.
Form	Lyophilized powder/frozen liquid
Molecular Mass	13.86 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week.

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Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [CBY1 chibby 1, beta catenin antagonist \[Homo sapiens \(human\) \]](#)

Official Symbol [CBY1](#)

Synonyms

CBY1; chibby 1, beta catenin antagonist; CBY; arb1; PGEA1; C22orf2; Chibby1; PIGEA14; PIGEA-14; HS508I15A; protein chibby homolog 1; ARPP-binding protein; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; chibby CTNNB1-mediated transcription inhibitor; chibby family member 1, beta catenin antagonist; chibby homolog 1; coiled-coil protein PIGEA-14; cytosolic leucine-rich protein; polycystin-2 interactor, Golgi- and endoplasmic reticulum-associated protein, 14 kDa

Gene ID [25776](#)

mRNA Refseq [NM_015373](#)

Protein Refseq [NP_056188](#)

MIM [607757](#)

UniProt ID [Q9Y3M2](#)

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