

Recombinant Mouse Cby1 Protein, Myc/DDK-tagged

Cat. No. Cby1-1978M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chibby family member 1, beta catenin antagonist (Cby1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	14.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cby1 chibby family member 1, beta catenin antagonist [Mus musculus (house mouse)]

Official Symbol Cby1

Synonyms Cby1; chibby family member 1, beta catenin antagonist; ar; CBY; Pge; PGEA; arb1; Pgea1; PGEA14; 1110014P06Rik; protein chibby homolog 1; PIGEA-14; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; PKD2 interactor, golgi and endoplasmic reticulum associated 1; chibby homolog 1; cytosolic leucine-rich protein

Gene ID 73739

mRNA Refseq NM_028634

Protein Refseq NP_082910

UniProt ID Q9D1C2

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