

Recombinant Human C, His-tagged

Cat. No. C-30019TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-126 of Human PGEA1 with an N terminal His tag. Observed mol wt: 23 kDa ;
Species	Human
Source	E.coli
ProteinLength	1-126 a.a.
Description	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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 108 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids MPFFGNTFSPKKTPPRKSASLSNLHSLDRSTREVELGLEYGSPMTNLAGQSLKFEN
GQWIAETGVSGGVDRREVQRLR RRNQQLLEENLLRLKVDILLDMLSESTAESHLM
EKELDELRI SRKRK

Full Length Full L.

GENE INFORMATION

Gene Name [CBY1 chibby homolog 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [CF8">C](#)

Synonyms C; chib; C22orf2, chromosome 22 open reading frame 2 , PGEA1, PKD2 interactor, golgi and endoplasmic reticulum associated 1; protein chibby homolog 1; Cby; Chibby; PIGEA 14; PIGEA14;

Gene ID [25776](#)

mRNA Refseq [NM_001002880](#)

Protein Refseq [NP_001002880](#)

MIM [607757](#)

Uniprot ID [Q9Y3M2](#)

Chromosome Location 22q12

Pathway Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem;

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Function

beta-catenin binding; identical protein binding; protein binding;

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