

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: NoneConstituents: 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 GQWIAETGVSGGVDRREVQRLRRNQQLLEENLLRLKVDILLDMLSESTAESHLMEKELDELRI 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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