

Recombinant Human CBY1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CBY1-1582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CBY1 MS Standard C13 and N15-labeled recombinant protein (NP_056188) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	14.3 kDa
AA Sequence	MPFFGNTFSPKKTPPRKSASLSNLHSLDRSTREVELGLEYGSPTMNLAGQSLKFEN GQWIAETGVSGGVDREVRRLRRRNQQLEENLLRLKVDILLDMLSESTAESHLM EKELDELIRSRKRKSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CBY1 chibby family member 1, beta catenin antagonist [Homo sapiens (human)]
Official Symbol	CBY1
Synonyms	CBY1; chibby family member 1, beta catenin antagonist; CBY; arb1; PGEA1; C22orf2; Chibby1; PIGEA14; PIGEA-14; HS508115A; protein chibby homolog 1; ARPP-binding protein; PKD2 interactor, Golgi and endoplasmic reticulum-associated 1; chibby CTNNB1-mediated transcription inhibitor; 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

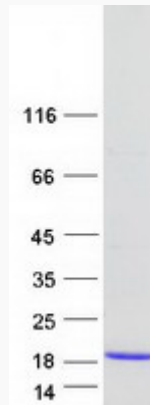
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SDS-PAGE



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