

Recombinant Human CTNNBIP1, His-tagged

Cat. No. CTNNBIP1-28030TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CTNNBIP1 with N terminal His tag; 101 amino acids with tag, MWt 11.3kDa.
Species	Human
Source	E.coli
ProteinLength	81 amino acids
Description	The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene.
Conjugation	HIS
Molecular Weight	11.300kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 2mM DTT, 100mM Sodium chloride, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMNREGAPGKSPEEMYIQQKVRVLLMLRKMGSNLT ASEEEFLRTYAGVVNSQLSQLPPHSIDQGAEDVVMASRSRSETEDRRQ
Sequence Similarities	Belongs to the CTNNBIP1 family.

GENE INFORMATION

Gene Name	CTNNBIP1 catenin, beta interacting protein 1 [Homo sapiens]
Official Symbol	CTNNBIP1
Synonyms	CTNNBIP1; catenin, beta interacting protein 1; beta-catenin-interacting protein 1; beta catenin interacting protein ICAT; ICAT; inhibitor of beta catenin and Tcf 4; MGC15093;
Gene ID	56998
mRNA Refseq	NM_001012329
Protein Refseq	NP_001012329
MIM	607758
Uniprot ID	Q9NSA3
Chromosome Location	1pter-p36.31

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Pathway	Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;
Function	armadillo repeat domain binding; beta-catenin binding; beta-catenin binding; protein binding;

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