Recombinant Human Catenin, Beta Interacting Protein 1, His-tagged

Cat. No. CTNNBIP1-2585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CTNNBIP1, fused to His-tag at N-terminus, was expressed in*E.coli*and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	CTNNBIP1 binds CTNNB1 and prevents interaction between CTNNB1 and TCF (T-cell transcription factor) family members. This protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene.
Sequences	MGSSHHHHHH SSGLVPRGSH MNREGAPGKS PEEMYIQQKV RVLLMLRKMG SNLTASEEEF LRTYAGVVNS QLSQLPPHSI DQGAEDVVMA FSRSETEDRR Q.
Molecular Weight	11.3kDa (101a) confirmed by MALDI-TOF.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl.
Purity	> 90% by SDS – PAGE.
Concentration	1mg/ml (determined by Bradford assay).

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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	CTNNBIP1 catenin, beta interacting protein 1 [Homo sapiens]
Synonyms	CTNNBIP1; catenin, beta interacting protein 1; OTTHUMP00000001722; beta-catenin-interacting protein 1; beta-catenin-interacting protein ICAT; catenin, beta-interacting protein 1; inhibitor of beta-catenin and Tcf-4; RP11-84A14.1; ICAT; MGC15093
Gene ID	56998
mRNA Refseq	NM_001012329
Protein Refseq	NP_001012329
MIM	607758
UniProt ID	Q9NSA3
Chromosome Location	1p36.22
Pathway	Wnt signaling pathway
Function	beta-catenin binding; otein binding

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PDB rendering based on 1luj.	

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