

Recombinant human ICAT/CTNNBIP1 protein

Catalog Number: ATGP0601

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-81aa

UniProt No.

Q9NSA3

NCBI Accession No.

NP_064633

Alternative Names

Beta catenin interacting protein 1, Inhibitor of beta-catenin and Tcf-4

PRODUCT SPECIFICATION

Molecular Weight

11.3 kDa (101a) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 100mM NaCl

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human CTNNBIP1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH> MNREGAPGKS PEEMYIQQKV RLLMLRKMG SNLTASEEEF LRTYAGVVNS

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QLSQLPPHSI DQGAEDVVMA FSRSETEDRR Q

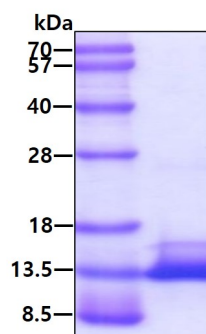
General References

Tago K., et al. (2000) Genes Dev. 14 (14): 1741-9.

Daniels D.L., et al. (2002) Mol Cell 10:573-584

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.