

Product Information

Recombinant human ICAT/CTNNBIP1 protein

Catalog Number: IBATGP0601



PRODUCT INFORMATION

Expression system

E.coli

Domain

1-81aa

UniProt No.

Q9NSA3

NCBI Accession No.

NP_064633

Alternative Names

Beta-catenin-interacting protein 1, ICAT, Beta-catenin-interacting protein 1, Beta catenin interacting protein1, Beta catenin interacting protein ICAT, Catenin beta interacting protein 1, CTNNBIP 1, ICAT, Inhibitor of beta catenin and Tcf 4, MGC15093

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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Amino acid Sequence

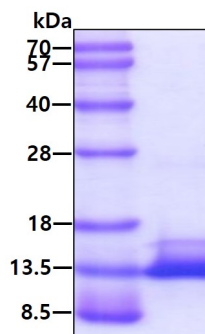
<MGSSHHHHHH SSGLVPRGSH> MNREGAPGKS PEEMYIQQKV RLLMLRKMG SNLTASEEEF LRTYAGVVNS
QLSQLPPHSI DQGAEDVVMA FSRSETEDRR Q

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



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

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