
Product Data Sheet

Product Name: CTNNBIP1 Human
 Cat. No.: GP23273
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ICAT; MGC15093; CNBP1; CTNNBIP1; Beta-catenin-interacting protein 1; Inhibitor of beta-catenin and Tcf-4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MNREGAPGKS PEEMYIQQKV RVLLMLRKMG SNLTASEEEF LRTYAGVVNS QLSQLPPHSI DQGAEDVMA FSRSETEDRR Q.		
Formulation	CTNNBIP1 Human solution containing 20mM Tris-HCl pH-7.5, 2mM DTT, 0.1M NaCl & 20% glycerol.		

Introduction

CTNNBIP1 binds CTNNB1 and avoids interaction between CTNNB1 and TCF (T-cell transcription factor) family members. CTNNBIP1 is a negative regulator of the Wnt signaling pathway.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CTNNBIP1 Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 101 amino acids (1-81 a.a.) and having a molecular mass of 11.3 kDa. The CTNNBIP1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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