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## Product Data Sheet

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Product Name: CNPY4 Human  
 Cat. No.: GP23189  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PRAT4B; Protein canopy homolog 4; CNPY4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSEFGMLKE EDDTERLPS KCEVCKLLST ELQAELSRTG RSREVLLELGQ VLDTGKRKRH VPYSVSETRL EEALENLCEP ILDYSVHAER KGSLRYAKGQ SQTMATLKGL VQKGVKVDLG IPLELWDEPS VEVTYLKKQC ETMLEEFEDI VGDWYFHHQE QPLQNFLCEG HVLPAETAC LQETWTGKEI TDGEEKTEGE EEQEEEEEEE EEEGGDKMTK TGSHPKLDRE DL.		
Formulation	CNPY4 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 5mM DTT and 2mM EDTA.		

### Introduction

Canopy FGF Signaling Regulator 4 (CNPY4) is a part of the canopy family which owns one saposin B-type domain. CNPY4 takes part in the regulation process of the cell surface expression of TLR4.

### 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

CNPY4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (22-248 a.a) and having a molecular mass of 28.6kDa. CNPY4 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques..

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

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