
Product Data Sheet

Product Name: CNPY1 Human
Cat. No.: GP23187
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein canopy homolog 1; CNPY1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMNDYKLE EDPVTKERTF KRFAPRKGDK IYQEFKKLYF YSDAYRPLKF ACETIIIEEYE DEISSLIAQE THYLADKLCS EKSDLCETSA NHTEL.		
Formulation	CNPY1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Canopy FGF Signaling Regulator 1, also known as CNPY1, is expressed in the midbrain-hindbrain (MHB) boundary in zebrafish. CNPY1, which binds FGFR1, also takes part in FGF signaling.

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

CNPY1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 115 amino acids (1-92 a.a) and having a molecular mass of 13.3kDa. CNPY1 is fused to a 23 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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