
Product Data Sheet

Product Name: CRIPT Human
 Cat. No.: GP23223
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cysteine-rich interactor of PDZ three; cysteine-rich PDZ-binding protein; Cysteine-rich interactor of PDZ3; postsynaptic protein CRIPT; HSPC139.		
Amino Acid Sequence	MGSIHSHHHH SSGLVPRGSH MGSMVCEKCE KKLGTVITPD TWKDGARNTT ESGGRKLNEN KALTSKKARF DPYGKNKFST CRICKSSVHQ PGSHYCQGCA YKKGICAMCG KKVLDTKNYK QTSV		
Formulation	The CRIPT solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.		

Introduction

Cysteine-rich PDZ-binding protein, also known as CRIPT, takes part in the cytoskeletal anchoring of DLG4 in excitatory synapses.

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

CRIPT Human Recombinant produced in E. coli is a single polypeptide chain containing 124 amino acids (1-101) and having a molecular mass of 13.7kDa. CRIPT 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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