

CRIPT Human

Description: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.

Catalog #:PRPS-1112

For research use only.

Synonyms:Cysteine-rich interactor of PDZ three, cysteine-rich PDZ-binding protein, Cysteine-rich interactor of PDZ3, postsynaptic protein CRIPT, HSPC139.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSIHHHHH SSGLVPRGSH MGSMVCEKCE KKLGTVITPD
TWKDGARNTT ESGGRKLNN KALTSKKARF DPYGKNKFST CRICKSSVHQ PGSHYCQGCA
YKKGICAMCG KKVLDTKNYK QTSV

Purity:Greater than 95% as determined by SDS-PAGE.

Formulation:

The CRIPT solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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

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