

CRIPT, 1-101aa, Human, His tag, E.coli

Cat.NO.: TP01712

3th Edition

Synonyms:Cysteine-rich PDZ-binding protein, HSPC139.

Description:CRIPT, also known as cysteine-rich PDZ-binding protein, is involved in the cytoskeletal anchoring of DLG4 in excitatory synapses. Recombinant human CRIPT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:13.7 kDa (124aa), confirmed by MALDI-TOF

Sequences:

MGSIHHHHHHSSGLVPRGSHMGSMVCEKCEKKGTVITPDTWKDGARNTTESGGRKLNENKALTSKKARFDPYG
KNKFSTCRICKSSVHQPGSHYCQGCAYKKGICAMCGKKVLDTKNYKQTSV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.