

Recombinant Human Cysteine-rich PDZ-binding Protein, His-tagged

Cat. No. CRIPT-6777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanCRIPT protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography.
Species	Human
Source	E.coli
Description	CRIPT, also known ascysteine-rich PDZ-binding protein, is involved in the cytoskeletal anchoringof DLG4 in excitatory synapses
Form	Liquid. 20mMTris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Molecular Weight	13.7 kDa (124aa),confirmed by MALDI-TOF
Purity	> 95% by SDS -PAGE
Concentration	1 mg/ml (determinedby Bradford assay)
Sequences of aminoacids	MGSIHHHHHHSSGLVPRGSH MGSMVCEKCE KKLGTVITPD TWKDGARNTT ESGGRKLNEN KALTSKKARF DPYGKNKFSTCRICKSSVHQ PSHYCYQCA YKKGICAMCG KKVLDTKNYK QTSV
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

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GENE INFORMATION

Gene Name	CRIPT cysteine-rich PDZ-binding protein [Homo sapiens]
Official Symbol	CRIPT
Synonyms	HSPC139; cysteine-rich PDZ-bindingprotein; postsynaptic protein CRIPT; cysteine-rich interactor of PDZ3;cysteine-rich interactor of PDZ three
Gene ID	9419
mRNA Refseq	NM_014171
Protein Refseq	NP_054890
MIM	604594
UniProt ID	Q9P021
Chromosome Location	2p21
Function	protein domain specific binding

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