Recombinant human CRIPT protein

Catalog Number: ATGP1545

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-101aa

UniProt No.
Q9P021

NCBI Accession No.
NP_054890

Alternative Names
Cysteine-rich PDZ-binding protein, HSPC139

PRODUCT SPECIFICATION

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

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGS>MVCEKCE KKLGTVITPD TWKDGARNTT ESGGRKLNEN KALTSKKARF DPYGKNKFST CRICKSSVHQ PGSHYCQGCA YKKGICAMCG KKVLDTKNYK QTSV

Recombinant human CRIPT protein

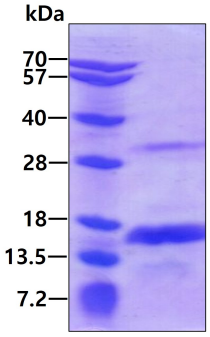
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General References

Saro D., et al. (2007) Biochemistry. 46:6340-6352
Zhang Q.-H., et al. (2000) Genome Res. 10:1546-1560

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.