Recombinant human CRIP1 protein

Catalog Number: ATGP2372

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-77aa

UniProt No.
P50238

NCBI Accession No.
NP_001302.1

Alternative Names
Cysteine-rich protein 1, Cysteine-rich protein 1 (intestinal), CRHP, CRIP, CRP-1, CRP1

PRODUCT SPECIFICATION

Molecular Weight
10.9 kDa (100aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.15M NaCl, 1mM DTT

Purity
> 95% 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
Cysteine-rich intestinal protein (CRIP) belongs to the LIM/double zinc finger protein family, members of which include cysteine- and glycine-rich protein-1, rhombotin-1, rhombotin-2, and rhombotin-3. CRIP may be involved in intestinal zinc transport. Recombinant human CRIP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGS>MPKCPKC NKEVYFAERV TSLGKDWHRP CLKCEKCGKT LTSGGHAEHE

Recombinant human CRIP1 protein

Catalog Number: ATGP2372

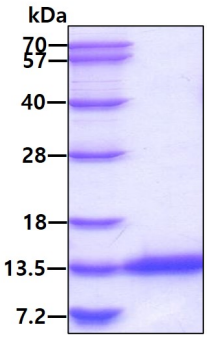
GKPYCNHPCY AAMFGPKGFG RGGAESHTFK

General References

Tsui S.K.W., Yam N.Y., et al. (1994), Biochem. Biophys. Res. Commun. 205:497-505

DATA

SDS-PAGE



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