

Recombinant Human cysteine-rich protein 1 (intestinal), His-tagged

Cat. No. CRIP1-289H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CRIP1, 1-77aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-77 a.a.
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.
Form	Liquid. In 20mM Tris-HCl(pH 8.0) containing 20% glycerol, 0.15M NaCl, 1mM DTT
Molecular Mass	10.9 kDa (100aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPCPKC NKEVYFAERV TSLGKDWHRP CLKCEKCGKT LTSGGHAHE GKPYNHPCY AAMFGPKGFG RGGAESHTFK
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store

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at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name CRIP1 cysteine-rich protein 1 (intestinal) [Homo sapiens]

Official Symbol CRIP1

Synonyms CRIP1; cysteine-rich protein 1 (intestinal); cysteine-rich protein 1; CRIP; cysteine-rich heart protein; cysteine-rich intestinal protein; CRHP; CRP1; CRP-1; FLJ40971;

Gene ID 1396

mRNA Refseq NM_001311

Protein Refseq NP_001302

MIM 123875

UniProt ID P50238

Chromosome Location 14q32.33

Function AT DNA binding; DNA binding, bending; metal ion binding; peptide binding; zinc ion binding;

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