

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

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

## SPECIFICATION

<b>Product Overview</b>	CRIP1, 1-77aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-77 a.a.
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl(pH 8.0) containing 20% glycerol, 0.15M NaCl, 1mM DTT
<b>Molecular Mass</b>	10.9 kDa (100aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMPCPKC NKEVYFAERV TSLGKDWHRP CLKCEKCGKT LTSGGHAHE GKPYCNHPCY AAMFGPKGFG RGGAESHTFK
<b>Purity</b>	>95% by SDS - PAGE
<b>Storage</b>	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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