

# Recombinant Human CRIP2 protein(Met1-Pro208), His&GST-tagged

**Cat. No.** CRIP2-2378H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRIP2 (P52943) (Met1-Pro208) was expressed in Insect Cells with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Pro208
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CRIP2/GST chimera consists of 445 amino acids and has a calculated molecular mass of 50.3 kDa. The recombinant protein migrates as an approximately 49 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CRIP2 cysteine-rich protein 2 [ Homo sapiens ]

**Official Symbol** CRIP2

**Synonyms** CRIP2; cysteine-rich protein 2; CRP2; ESP1; CRP-2; Cystein-rich intestinal protein; CRIP;

**Gene ID** 1397

**mRNA Refseq** NM\_001312

**Protein Refseq** NP\_001303

**MIM** 601183

**UniProt ID** P52943

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