

Human cIAP1/BIRC2 (AVI Tag) recombinant protein



Catalog Number: 500206

General Information

Gene Name Synonym

C-IAP1; IAP homolog B; Inhibitor of apoptosis protein 2; RING finger protein 48; TNFR2-TRAF-signaling complex protein 2

Protein Construction

A DNA sequence encoding the BIR2 & BIR3 domains (Glu 144-Leu 356) of human cIAP1 (NP_001157.1) was expressed, fused with the AVI tag at the C-terminus, and two additional amino acids (Gly & Pro) at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to inhibit DEVD-AFC cleavage activity in cell extracts activated by addition of cytochrome c and dATP. The IC₅₀ for this effect is typically 450-750 nM.

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gly

Molecular Mass

The recombinant human cIAP1 consists of 230 amino acids and has a calculated molecular mass of 26.5 kDa as estimated by SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 10mM Tris, 5% glycerol, 0.5mM EDTA, 5mM DTT, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

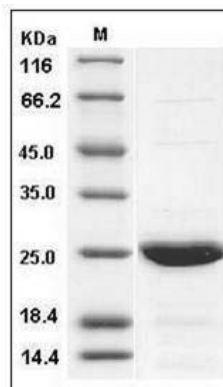
Storage

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.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human cIAP1 / HIAP2 Protein (AVI Tag) SDS-PAGE