

Active Recombinant Human XIAP protein, Avi-tagged

Cat. No. XIAP-3103H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human XIAP protein(NP_001158.2)(Leu121-Thr356), fused with Avi tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Leu121-Thr356 |
| Form | Lyophilized from sterile 25mM Tris, 10mM DTT, 1% glycerol, 0.2M Glutamine Potassium, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| Bio-activity | Measured by its binding ability in a functional ELISA.Immobilized recombinant human SMAC-His at 10 µg/ml (100 µl/well) can bind recombinant human XIAP-AVI with a linear range of 0.125-1.0 µg/ml. |
| Molecular Mass | The recombinant human XIAP comprises 253 amino acids and has a predicted molecular mass of 29.1 kDa as estimated in SDS-PAGE under non-reduced conditions. |
| Purity | > 75 % as determined by SDS-PAGE |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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| Storage | 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. |
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GENE INFORMATION

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| Gene Name | XIAP X-linked inhibitor of apoptosis [<i>Homo sapiens</i>] |
| Official Symbol | XIAP |
| Synonyms | XIAP; X-linked inhibitor of apoptosis; API3, baculoviral IAP repeat containing 4 , BIRC4; baculoviral IAP repeat-containing protein 4; hILP; X-linked IAP; IAP-like protein; E3 ubiquitin-protein ligase XIAP; inhibitor of apoptosis protein 3; baculoviral IAP repeat-containing 4; X-linked inhibitor of apoptosis protein; API3; ILP1; MIHA; XLP2; BIRC4; IAP-3; hIAP3; hIAP-3; FLJ26913; |
| Gene ID | 331 |
| mRNA Refseq | NM_001167 |
| Protein Refseq | NP_001158 |
| MIM | 300079 |
| UniProt ID | P98170 |

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