

# Human XIAP/BIRC4 (AVI Tag) recombinant protein



Catalog Number: 502786

## General Information

### Gene Name Synonym

Baculoviral IAP repeat-containing protein 4; IAP-like protein; Inhibitor of apoptosis protein 3; X-linked inhibitor of apoptosis protein

### Protein Construction

A DNA sequence encoding the human XIAP (NP\_001158.2) (Leu 121-Thr 356) was fused with an AVI tag at the C-terminus, and additional two amino acids (Gly & Pro) at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized recombinant human SMAC-His (Cat:500785) at 10 µg/ml (100 µl/well) can bind recombinant human XIAP-AVI (Cat:502786) with a linear range of 0.125-1.0 µg/ml.

### Purity

> 75 % 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

Met

### 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.

### Formulation

Lyophilized from sterile 25mM Tris, 10mM DTT, 1% glycerol, 0.2M Glutamine Potassium, pH 8.0  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

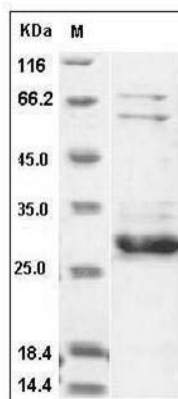
### Storage

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 XIAP / BIRC4 Protein (AVI Tag) SDS-PAGE