

# Human BIRC7/Livin (His Tag) recombinant protein



Catalog Number: 500477

## General Information

### Gene Name Synonym

Kidney inhibitor of apoptosis protein; Livin; Melanoma inhibitor of apoptosis protein; RING finger protein 50; Baculoviral IAP repeat-containing protein 7 30kDa subunit

### Protein Construction

A DNA sequence encoding the human BIRC7 (AAH14475.1) (Met1-Ser298) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to reverse the inhibition of DEVD-AFC cleavage activity in cell extracts activated by addition of cytochrome c and dATP. The IC50 for this effect is typically 0.6-3.0  $\mu$ M.

### Purity

> 85 % 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 BIRC7 consists of 304 amino acids and predicts a molecular mass of 33.6 kDa. It migrates as an approximately 35 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50 mM Tris, 200 mM NaCl, 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

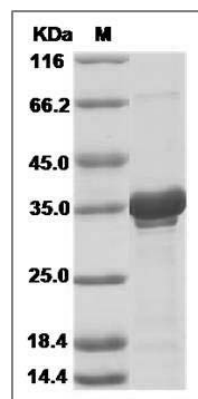
### Storage

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 BIRC7 / Livin Protein (His Tag) SDS-PAGE