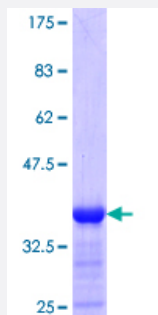


# BIRC7 (Human) Recombinant Protein (Q01)

Catalog # H00079444-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human BIRC7 partial ORF ( NP_647478.1, 1 a.a. - 90 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MGPKDSAKCLHRGPQPSHWAAGDGPTQERCGRSLGSPVLGLDTCRAWDHVDGQILGQLRPL TEEEEEEGAGATLSRGPAFPGMGSEELR
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.64
<b>Interspecies Antigen Sequence</b>	Mouse (64)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — BIRC7

Entrez GeneID [79444](#)

GeneBank Accession# [NM\\_139317](#)

Protein Accession# [NP\\_647478.1](#)

Gene Name BIRC7

Gene Alias KIAP, LIVIN, ML-IAP, MLIAP, RNF50

Gene Description baculoviral IAP repeat-containing 7

Omim ID [605737](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide. [provided by RefSeq]

**Other Designations**

OTTHUMP00000031536|OTTHUMP00000031537|baculoviral IAP repeat-containing protein 7|kidney inhibitor of apoptosis protein|livin inhibitor of apoptosis|livin inhibitor-of-apoptosis|melanoma inhibitor of apoptosis protein