

## Recombinant Mouse Birc5 Protein, MYC/DDK-tagged

Cat. No. Birc5-627M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse baculoviral IAP repeat-containing 5 (Birc5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. In humans, gene expression is high during fetal development and in most tumors yet low in adult tissues. Antisense transcripts have been identified in human that regulate this gene's expression. At least three transcript variants encoding distinct isoforms have been found for this gene, although at least one of these transcript variants is a nonsense-mediated decay (NMD) candidate.</p>
<b>Molecular Mass</b>	14.2 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Birc5 baculoviral IAP repeat-containing 5 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Birc5](#)

**Synonyms** Birc5; baculoviral IAP repeat-containing 5; Api4; TIAP; AAC-11; survivin40; baculoviral IAP repeat-containing protein 5; apoptosis inhibitor 4; apoptosis inhibitor survivin; survivin

**Gene ID** [11799](#)

**mRNA Refseq** [NM\\_001012273](#)

**Protein Refseq** [NP\\_001012273](#)

**UniProt ID** [O70201](#)

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