

Recombinant Mouse Birc5 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse baculoviral IAP repeat-containing 5 (Birc5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	14.2 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 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

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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