

Recombinant Mouse BIRC5 Protein, His-tagged

Cat. No. BIRC5-17M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BIRC5 Protein, fused to His-tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
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.
Form	Lyophilized from sterile PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin 300.
Molecular Mass	17.25 kDa
AA Sequence	MGAPALPQIWQLYLKNIYRIATFKNWPFLDCACTPERMAEAGFIHCPTENEPDLAQ CFFCFKELEGWEPDDNPIEEHRKHSPGCAFLT VKKQMEELTVSEFLKLDQRQRAKNKI AKETNNKQKEFEETAKTTRQSIEQLAAMHHHHHH

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Endotoxin	1EU/ug
Purity	90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

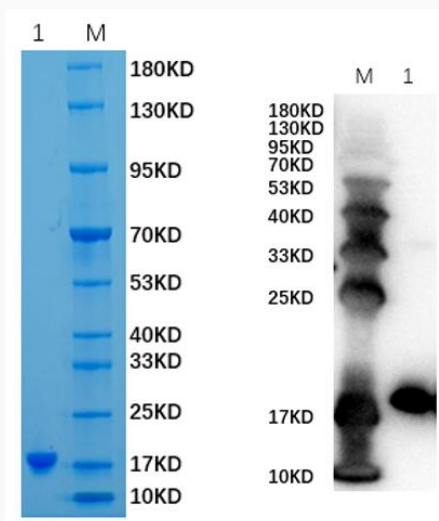
Gene Name	Birc5 baculoviral IAP repeat-containing 5 [Mus musculus (house mouse)]
Official Symbol	Birc5
Synonyms	Api4; TIAP; AAC-11; survivin40
Gene ID	11799
mRNA Refseq	NM_009689
Protein Refseq	NP_033819
MIM	603352
UniProt ID	O70201

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SDS-PAGE



Reducing 12% SDS-PAGE and wb analysis profile of purified Birc5.

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