

## Product datasheet for **TP500590**

### **Birc5 (NM\_001012273) Mouse Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse baculoviral IAP repeat-containing 5 (Birc5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200590 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGAPALPQIWQLYLKNYRIATFKNWPFLDCACTPERMAEAGFIHCPTENEPDLAQCFKCFKELEGWEPD DNPIEEHRKHSPGCAFLTVKKQMEELTVSEFLKLDLRQRAKNKIVCMIENKD
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	14.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001012273</a>
Locus ID:	11799
UniProt ID:	<a href="#">O70201</a>
RefSeq Size:	3416
Cytogenetics:	11 E2
RefSeq ORF:	366



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**Synonyms:** A; AAC-11; Api4; s; survivin40; T; TIAP

**Summary:** 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. [provided by RefSeq, Jul 2008]