

## Product datasheet for **TP305935M**

### **BIRC5 (NM\_001168) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human baculoviral IAP repeat-containing 5 (BIRC5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205935 representing NM_001168 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MGAPTLPPAWQPFLKDHRISTFKNWPFLEGCCTPERMAEAGFIHCPTENEPDLAQFFCFKELEGWEPD DDPIEEHKKHSSGCAFLSVKKQFEELTLGEFLKLDREKAKNKIAKETNNKKKEFEETAKKVRRAIEQLAA MD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	16.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_001159</a>
Locus ID:	332
UniProt ID:	<a href="#">O15392</a> , <a href="#">A0A0B4J1S3</a>



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RefSeq Size: 2655

Cytogenetics: 17q25.3

RefSeq ORF: 426

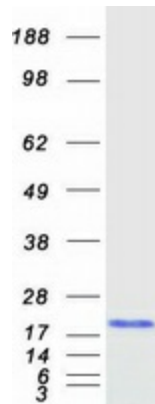
Synonyms: API4; EPR-1

**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. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2011]

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Colorectal cancer, Pathways in cancer

### Product images:



Coomassie blue staining of purified BIRC5 protein (Cat# [TP305935]). The protein was produced from HEK293T cells transfected with BIRC5 cDNA clone (Cat# [RC205935]) using MegaTran 2.0 (Cat# [TT210002]).