

Product datasheet for **TP750221**

BIRC5 (NM_001012270) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human baculoviral IAP repeat containing 5 (BIRC5/Survivin), transcript variant 2, full length, with C-terminal DDK tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	1 MGAPTLPPAW QPFLKDHRS TFKNWPFLG CACTPERMAE AGFIHCPTEN EPDLAQCFFC 61 FKELEGWEPD DDPMQRKPTI RRKNLRLRR KCAVPSSSWL PWIEASGRSC LVPEWLHHFQ 121 GLFPGATSLP VGPLAMSEQK LISEEDLAAN DILDYKDDDD K
Tag:	N-DDK
Predicted MW:	18.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 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:	NP_001012270
Locus ID:	332
UniProt ID:	O15392
Cytogenetics:	17q25.3
Synonyms:	API4; EPR-1



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Summary:

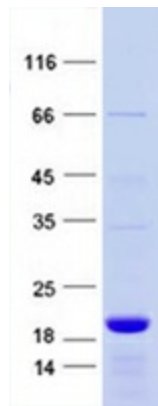
This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded 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:

Purified recombinant protein BIRC5 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.