

## Recombinant Human BIRC5 protein, MYC/DDK-tagged

Cat. No. BIRC5-325H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BIRC5, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	16.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Notes</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	BIRC5 baculoviral IAP repeat containing 5 [ Homo sapiens ]
<b>Official Symbol</b>	BIRC5
<b>Synonyms</b>	BIRC5; baculoviral IAP repeat containing 5; API4, apoptosis inhibitor 4 , baculoviral

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	IAP repeat containing 5; baculoviral IAP repeat-containing protein 5; EPR 1; survivin; survivin variant 3 alpha; apoptosis inhibitor 4; apoptosis inhibitor survivin; API4; EPR-1;
<b>Gene ID</b>	332
<b>mRNA Refseq</b>	NM_001168
<b>Protein Refseq</b>	NP_001159
<b>MIM</b>	603352
<b>UniProt ID</b>	O15392
<b>Chromosome Location</b>	17q25.3
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Colorectal cancer, organism-specific biosystem; Colorectal cancer, conserved biosystem;
<b>Function</b>	Ran GTPase binding; chaperone binding; cobalt ion binding; cofactor binding; cysteine-type endopeptidase inhibitor activity; cysteine-type endopeptidase inhibitor activity involved in apoptotic process; enzyme binding; identical protein binding; metal ion binding; microtubule binding; microtubule binding; peptidase inhibitor activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein homodimerization activity; tubulin binding; zinc ion binding; zinc ion binding;

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