

Recombinant Human BIRC5 protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	BIRC5 baculoviral IAP repeat containing 5 [Homo sapiens]
Official Symbol	BIRC5
Synonyms	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;
Gene ID	332
mRNA Refseq	NM_001168
Protein Refseq	NP_001159
MIM	603352
UniProt ID	O15392
Chromosome Location	17q25.3
Pathway	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;
Function	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;