

## Recombinant Human BIRC5 protein

Cat. No. BIRC5-31485TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BIRC5 protein(NP_001159.2)(Met1-Asp142) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Asp142
<b>Form</b>	Lyophilized from sterile PBS, 20% glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant human BIRC5 consists of 144 amino acids and predicts a molecular mass of 16.5 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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 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_001012270
<b>Protein Refseq</b>	NP_001012270
<b>MIM</b>	603352
<b>UniProt ID</b>	O15392

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