

## Datasheet for ABIN7318193

### Survivin Protein

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#### Overview

Quantity:	50 µg
Target:	Survivin (BIRC5)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

#### Product Details

Purpose:	Recombinant Human Survivin/BIRC5 Protein
Sequence:	Met 1-Asp142
Characteristics:	Recombinant Human Baculoviral IAP Repeat-Containing Protein 5 is produced by our E.coli expression system and the target gene encoding Met1-Asp142 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

#### Target Details

Target:	Survivin (BIRC5)
Alternative Name:	Survivin/BIRC5 ( <a href="#">BIRC5 Products</a> )
Background:	<p>Background: Baculoviral IAP Repeat-Containing Protein 5 (BIRC5) belongs to the IAP family. BIRC5 exists as a homodimer in the apo state and as a monomer in the CPC-bound state. BIRC5 contains one BIR repeat and is expressed only in fetal kidney and liver, and to lesser extent, lung and brain. BIRC5 functions as a multitasking protein that has dual roles in</p>

## Target Details

promoting cell proliferation and preventing apoptosis. BIRC5 is also a component of a chromosome passage protein complex (CPC), which is essential for chromosome alignment and segregation during mitosis and cytokinesis. BIRC5 acts as an important regulator of the localization of this complex.

Synonym: Baculoviral IAP Repeat-Containing Protein 5, Apoptosis Inhibitor 4, Apoptosis Inhibitor Survivin, BIRC5, API4, IAP4

Molecular Weight:	20.4 kDa
UniProt:	<a href="#">O15392</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Cell Division Cycle</a> , <a href="#">Nuclear Hormone Receptor Binding</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 0.1M NaCl, pH 7.5.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.