

Recombinant human Survivin protein

Catalog Number: SUR0801

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-142aa

UniProt No.

O15392

NCBI Accession No.

AAH34148.1

Alternative Names

Baculoviral IAP repeat-containing protein 5 isoform 1, BIRC5, Baculoviral IAP repeat-containing 5, API4, EPR-1, Baculoviral IAP repeat-containing protein 5 isoform 1, Survivin, Baculoviral IAP repeat-containing protein 5 isoform 1 API4, Apoptosis Inhibitor 4, Apoptosis inhibitor survivin, Apoptosis inhibitor4, Baculoviral IAP repeat containing 5, Baculoviral IAP repeat containing protein 5, BIRC 5, EPR 1, IAP4, SVV, TIAP.

PRODUCT SPECIFICATION

Molecular Weight

33 kDa (294aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

Calmodulin Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Survivin is a human gene that is part of the inhibitor of apoptosis family (IAP). The Survivin protein functions to

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inhibit caspase activation therefore leading to negative regulation of apoptosis or programmed cell death. Recombinant human Survivin fused to CaM-tag at N-terminus was expressed in E. coli and purified by conventional chromatography techniques.

Amino acid Sequence

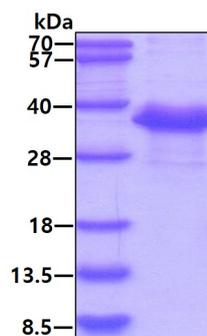
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General References

Wolanin., et al. (2007). Postepy Biochem. 53(1):10-8.
O'Driscoll L., et al. (2003) Curr Cancer Drug Targets. 3(2):131-52.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.