Datasheet for ABIN5709139

Survivin Protein (AA 1-140, full length) (His-SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Survivin (BIRC5)
Protein Characteristics:	full length, AA 1-140
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Survivin protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGAPALPQIW QLYLKNYRIA TFKNWPFLED CACTPERMAE AGFIHCPTEN EPDLAQCFFC FKELEGWEPD DNPIEEHRKH SPGCAFLTVK KQMEELTVSE FLKLDRQRAK NKIAKETNNK QKEFEETAKT TRQSIEQLAA
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Survivin (BIRC5)
Alternative Name:	BIRC5 (BIRC5 Products)
Background:	Multitasking protein that has dual roles in promoting cell proliferation and preventing apoptosis. Component of a chromosome passage protein complex (CPC) which is essential for

Target Details

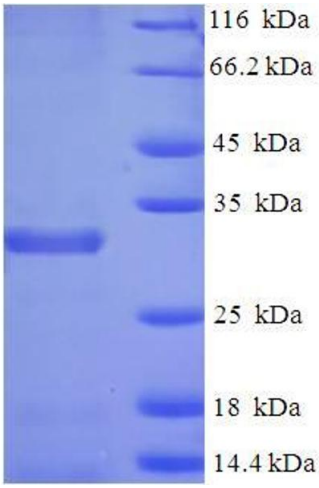
	chromosome alignment and segregation during mitosis and cytokinesis. Acts as an important regulator of the localization of this complex, directs CPC movent to different locations from the inner centromere during prometaphase to midbody during cytokinesis and participates in the organization of the center spindle by associating with polymerized microtubules. The complex with RAN plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. May counteract a default induction of apoptosis in G2/M phase. The acetylated form represses STAT3 transactivation of target gene promoters. May play a role in neoplasia. Inhibitor of CASP3 and CASP7 .
Molecular Weight:	32.3 kDa
UniProt:	O70201
Pathways:	Apoptosis, Cell Division Cycle, Nuclear Hormone Receptor Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.