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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description:	Recombinant human full length CARP2. The construct contains an N-terminal His-SUMO-Tag. The protein was affinity purified and is active.
Background:	CARP2 (caspase 8/10 associated RING protein 2) is a RING-domain E3 (ubiquitin protein ligase) that is involved in the conjugation of ubiquitin to target substrates, along with E1 and E2 enzymes. CARPs (CARP1 and CARP2, 77% identity) also belong to the IAP family (inhibitors of apoptosis proteins) inhibiting activation of DED (death effector domain) containing caspase proteins (8 and 10). In addition to targeting caspases 8 and 10, CARPs have been shown to target phosphorylated p53 for degradation in an Hdm2 independent manner. Furthermore, CARP2 has been shown to be a negative regulator of TNF induced NF-κB activation by targeting RIP for degradation.
Species:	Human
Construct:	CARP2 (His-SUMO-1-363(end))
Expression System:	<i>E. coli</i>
Purity:	≥90% by SDS-PAGE
Format:	Aqueous buffer solution.
Uniprot:	Q8WZ73
MW:	55 kDa
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Assay Conditions:	Typical enzyme concentration of 100 nM - 5 mM is used for in vitro conjugation, depending on conditions.
Applications:	Useful for the study of enzyme kinetics.