

#### OriGene Technologies, Inc.

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# Product datasheet for TA805892S

## Centrin 3 (CETN3) Mouse Monoclonal Antibody [Clone ID: OTI1D6]

## **Product data:**

(protein A/G)Conjugation:UnconjugatedStorage:Store at -20°C as received.Stability:Stable for 12 months from date of receipt.Predicted Protein Size:19.4 kDaGene Name:centrin 3Database Link:NP 004356	Product Type:	Primary Antibodies
Recommended DilutionWB 1:2000Reactivity:Human, MouseHost:MouseIsotype:IgG1Isotype:IgG1Clonality:MonoclonalImmunogen:Full length human recombinant protein of human CETN3 (NP_004356) produced in E.coli.Formulation:PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:1 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:UnconjugatedStorage:Store at -20°C as received.Stability:Stable for 12 months from date of receipt.Predicted Protein Size19.4 kDaGene Name:centrin 3Database Link:NP 004356	Clone Name:	OTI1D6
Reactivity:Human, MouseHost:MouseIsotype:IgG1Clonality:MonoclonalImmunogen:Full length human recombinant protein of human CETN3 (NP_004356) produced in E.coli.Formulation:PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:1 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:UnconjugatedStorage:Store at -20°C as received.Stability:Stable for 12 months from date of receipt.Predicted Protein Size:19.4 kDaGene Name:centrin 3Database Link:NP 004356	Applications:	WB
Host:MouseIsotype:IgG1Clonality:MonoclonalImmunogen:Full length human recombinant protein of human CETN3 (NP_004356) produced in E.coli.Formulation:PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:1 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:UnconjugatedStorage:Stole for 12 months from date of receipt.Predicted Protein Size19.4 kDaGene Name:NP 004356	Recommended Dilution:	WB 1:2000
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Predicted Protein Size:19.4 kDaGene Name:centrin 3Database Link:NP 004356	Storage:	Store at -20°C as received.
Gene Name:centrin 3Database Link:NP 004356	Stability:	Stable for 12 months from date of receipt.
Database Link: <u>NP_004356</u>	Predicted Protein Size:	19.4 kDa
	Gene Name:	centrin 3
<u>Entrez Gene 1070 Human</u> <u>O15182</u>	Database Link:	Entrez Gene 1070 Human



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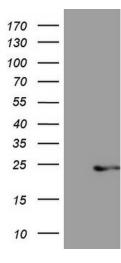
#### Centrin 3 (CETN3) Mouse Monoclonal Antibody [Clone ID: OTI1D6] – TA805892S

Background:The protein encoded by this gene contains four EF-hand calcium binding domains, and is a<br/>member of the centrin protein family. Centrins are evolutionarily conserved proteins similar<br/>to the CDC31 protein of S. cerevisiae. Yeast CDC31 is located at the centrosome of interphase<br/>and mitotic cells, where it plays a fundamental role in centrosome duplication and<br/>separation. Multiple forms of the proteins similar to the yeast centrin have been identified in<br/>human and other mammalian cells, some of which have been shown to be associated with<br/>centrosome fractions. This protein appears to be one of the most abundant centrins<br/>associated with centrosome, which suggests a similar function to its yeast counterpart.<br/>[provided by RefSeq, Jul 2008]

Synonyms:	CDC31; CEN3
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Protein Families: Druggable Genome

### **Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CETN3 ([RC202804], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CETN3. Positive lysates [LY418039] (100ug) and [LC418039] (20ug) can be purchased separately from OriGene.

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