

Recombinant Mouse Chchd3 Protein, Myc/DDK-tagged

Cat. No. Chchd3-2137M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length coiled-coil-helix-coiled-coil-helix domain containing 3 (Chchd3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Has also been shown to function as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology.
Molecular Mass	26.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Chchd3 coiled-coil-helix-coiled-coil-helix domain containing 3 [Mus musculus (house mouse)]
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Official Symbol	Chchd3
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Synonyms	CHCHD3; coiled-coil-helix-coiled-coil-helix domain containing 3; coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial; AW558177; 0610041L09Rik; 1700039J09Rik
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Gene ID	66075
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mRNA Refseq	NM_025336
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Protein Refseq	NP_079612
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UniProt ID	Q9CRB9
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