Recombinant Mouse Chordc1 Protein, Myc/DDK-tagged

Cat. No. Chordc1-2154M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1 (Chordc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulates centrosome duplication, probably by inhibiting the kinase activity of ROCK2. Proposed to act as co-chaperone for HSP90. May play a role in the regulation of NOD1 via a HSP90 chaperone complex. In vitro, has intrinsic chaperone activity. This function may be achieved by inhibiting association of ROCK2 with NPM1. Plays a role in ensuring the localization of the tyrosine kinase receptor EGFR to the plasma membrane, and thus ensures the subsequent regulation of EGFR activity and EGF-induced actin cytoskeleton remodeling. Involved in stress response. Prevents tumorigenesis.
Molecular Mass	37.4 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Chordc1 cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1 [Mus musculus (house mouse)]
Official Symbol	Chordc1
Synonyms	CHORDC1; cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1; cysteine and histidine-rich domain-containing protein 1; protein morgana; CHORD-containing protein 1; CHORD domain-containing protein 1; Chp-1; morgana; AA409036; 1110001O09Rik
Gene ID	66917
mRNA Refseq	NM_025844
Protein Refseq	NP_080120
UniProt ID	Q9D1P4

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