

Recombinant Mouse Prr16 Protein, Myc/DDK-tagged

Cat. No. Prr16-5158M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proline rich 16 (Prr16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration (Probable).
Molecular Mass	32.8 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Prr16 proline rich 16 [Mus musculus (house mouse)]
Official Symbol	Prr16
Synonyms	Prr16; proline rich 16; AI607429; 5430406M13Rik; protein Largen; proline-rich protein 16
Gene ID	71373
mRNA Refseq	NM_001081224
Protein Refseq	NP_001074693
UniProt ID	A3KMN5

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