

Recombinant Mouse Mief2 Protein, Myc/DDK-tagged

Cat. No. Mief2-4072M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mitochondrial elongation factor 2 (Mief2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mitochondrial outer membrane protein which regulates mitochondrial organization. It is required for mitochondrial fission and promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface independently of the mitochondrial fission FIS1 and MFF proteins. Regulates DNM1L GTPase activity.
Molecular Mass	50.1 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	Mief2 mitochondrial elongation factor 2 [Mus musculus (house mouse)]
Official Symbol	Mief2
Synonyms	Mief2 mitochondrial elongation factor 2 [Mus musculus (house mouse)]
Gene ID	237781
mRNA Refseq	NM_001009927
Protein Refseq	NP_001009927
UniProt ID	Q5NCS9

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