Recombinant Mouse Nme5 Protein, Myc/DDK-tagged

Cat. No. Nme5-4438M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NME/NM23 family member 5 (Nme5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Does not seem to have NDK kinase activity. Confers protection from cell death by Bax and alters the cellular levels of several antioxidant enzymes including Gpx5. May play a role in spermiogenesis by increasing the ability of late-stage spermatids to eliminate reactive oxygen species.
Molecular Mass	24 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	Nme5 NME/NM23 family member 5 [Mus musculus (house mouse)]
Official Symbol	Nme5
Synonyms	NME5; non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase); nucleoside diphosphate kinase homolog 5; NDK-H 5; NDP kinase homolog 5; expressed in non-metastatic cells 5; Nm23-M5; 1700019D05Rik
Gene ID	75533
mRNA Refseq	NM_080637
Protein Refseq	NP_542368
UniProt ID	Q99MH5

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