Recombinant Mouse Nme8 Protein, Myc/DDK-tagged

Cat. No. Nme8-4441M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NME/NM23 family member 8 (Nme8), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probably required during the final stages of sperm tail maturation in the testis and/or epididymis, where extensive disulfide bonding of fibrous sheath (FS) proteins occurs. May be involved in the reduction of disulfide bonds within the sperm FS components. In vitro, it has neither NDP kinase nor reducing activity on disulfide bonds.
Molecular Mass	66.9 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	Nme8 NME/NM23 family member 8 [Mus musculus (house mouse)]
Official Symbol	Nme8
Synonyms	Nme8; NME/NM23 family member 8; Sptr; Txndc; Txndc3; Sptrx-2; 1700056P15Rik; thioredoxin domain-containing protein 3; spermatid-specific thioredoxin-2; thioredoxin domain containing 3 (spermatozoa)
Gene ID	73412
mRNA Refseq	NM_181591
Protein Refseq	NP_853622
UniProt ID	Q715T0

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