Product datasheet for TP516332

Nme5 (NM_080637) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NME/NM23 family member 5 (Nme5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216332 representing NM_080637 Red=Cloning site Green=Tags(s) MEVSMPLPQIYVEKTLALIKPDVVDKEEEIQDIILGSGFTIIQRRKLHLSPEHCSNFYVEQYGKMFFPNL TAYMSSGPLVAMILARHKAISYWKELMGPSNSLVAKETHPDSLRAIYGTDELRNALHGSNDFAASEREIR FMFPAVIIEPIPIGQAAKDYINLYVAPTLLQGLTELCKEKPPDPYLWLADWLMKNNPNKPKLCHFPVTEE P TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_542368
Locus ID:	75533
UniProt ID:	Q99MH5, Q3V2L8
RefSeq Size:	829

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Cytogenetics:	18 B1
RefSeq ORF:	633
Synonyms:	1700019D05Rik; Nm23-M5
Summary:	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.[UniProtKB/Swiss-Prot Function]