

Product datasheet for TP306058M

NME5 (NM_003551) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase) (NME5), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206058 protein sequence
Red=Cloning site Green=Tags(s)

MEISMPPPQIYVEKTLAIKPDIVDKKEEIQDIILRSGFTIVQRRKLRLSPEQCSNFYVEKYGKMFPPNL
TAYMSSGPLVAMILARHKAIWLELLGPNNSLVAKETHPDSLRAIYGTDDLRLNALHGSNDFAAAEREIR
FMFPEVIVEPIPIGQAAKDYLNLHIMPTLLEGLTELCKQKPADPLIWLADWLLKNNPNKPKLCHHPIVEE
PY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 24.1 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

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_003542](#)

Locus ID: 8382



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UniProt ID: [P56597](#), [A0A0S2Z4L9](#)

RefSeq Size: 1243

Cytogenetics: 5q31.2

RefSeq ORF: 636

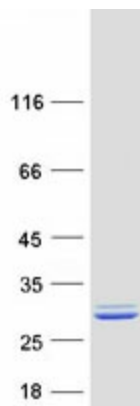
Synonyms: NM23-H5; NM23H5; RSPH23

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 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified NME5 protein (Cat# [TP306058]). The protein was produced from HEK293T cells transfected with NME5 cDNA clone (Cat# [RC206058]) using MegaTran 2.0 (Cat# [TT210002]).