

## Product datasheet for TP306058L

### 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), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206058 protein sequence Red=Cloning site Green=Tags(s)
	MEISMPPPQIYVEKTLAIKPDIVDKKEEIQDIILRSGFTIVQRRKLRLSPEQCSNFYVEKYGKMFPPNL TAYMSSGPLVAMILARHKAIWLELLGPNNSLVAKETHPDSLRAIYGTTDLRNALHGSNDFAAAEREIR FMFPEVIVEPIPIGQAAKDYLNHIMPTLLEGLTELCKQKPADPLIWLADWLLKNNPNKPKLCHHPIVEE 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:	<a href="#">NP_003542</a>
Locus ID:	8382



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

RefSeq Size: 1243

Cytogenetics: 5q31.2

RefSeq ORF: 636

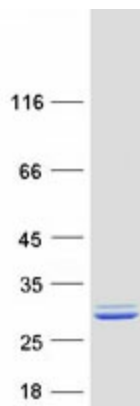
Synonyms: NM23-H5; NM23H5; RSPH23

**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]).