

Product datasheet for **SC320260**

NME6 (NM_005793) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NME6 (NM_005793) Human Untagged Clone
Tag: Tag Free
Symbol: NME6
Synonyms: IPIA-ALPHA; NDK 6; NM23-H6
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005793.3
GACAAGGTGAACCCGACCCGGACTTCTGCTGCACTGGGGCTCCGAATGACCCAGAATCT
GGGGAGTGAGATGGCCTCAATCTTGCGAAGCCCTCAGGCTCTCCAGCTACTCTAGCCCT
GATCAAGCCTGACGCAGTCGCCATCCACTGATTCTGGAGGCTGTTTCATCAGCAGATTCT
AAGCAACAAGTTCCTGATTGTACGAATGAGAGAATACTGTGGAGAAAGGAAGATTGCCA
GAGTTTTACCGAGAGCATGAAGGGCGTTTTTCTATCAGAGGCTGGTGGAGTTCATGGC
CAGCGGGCCAATCCGAGCCTACATCCTTGCCACAAGGATGCCATCCAGCTCTGGAGGAC
GCTCATGGGACCCACCAGAGTGTCCGAGCACGCCATGTGGCCCCAGATTCTATCCGTGG
GAGTTTCGGCCTCACTGACACCCGCAACACCACCCATGGTTCGGACTCTGTGGTTTCAGC
CAGCAGAGAGATTGCAGCCTTCTCCCTGACTTCAGTGAACAGCGCTGGTATGAGGAGGA
AGAGCCCCAGTTGCGCTGTGGCCCTGTGTGCTATAGCCCAGAGGGAGGTGCCACTATGT
AGCTGGAACAGGAGGCCTAGGACCAGCCTGATGCAGGTCTATGAAGACCAGTGGTAGTGC
CCAGACTTCTCCTAGACATCTAGTCTAAAAACATTCTCCTAGGACCAGGGAAGCCTGGCTT
ACAGTGCCATTTCTGCTGGGCACCCACCTGCCTGAGGGCTAGCTCACCACAGCACAT
CCTCCAGGATCTAGCCTTCTATCTACCTTCTCTGGAATGTTTATGGTGGTTCAGAAGA
ATGATGACTCCTTTGCTGAGAAGTGTTCATCCTTCTTCAAGAAGAAGCTTGCCAGGCC
GGGCACGGTGGCTCAGCCTATAATCCCAGCACTTTGGGAGGCCGAGGCAGGCGGATCAC
AAGGTCAGGAATTCGAGACCAGCCTGACCAACATGGTGAACCCCATCTCTACTAAAAAT
ACAACAATTAGCCAGGCATGGTGGTGCATGCCTGTAATCCAGCTACTCAGAGGCTGAGG
CAGGAGAATTGCTTGAACCTGGGAGGCAGAGGGTGCAGTGAGCCGAGATCGTGCCATTGC
ACTCCAGCCTGGGCGACATTCTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_005793



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_005793.3</u> , <u>NP_005784.1</u>
RefSeq Size:	1189 bp
RefSeq ORF:	585 bp
Locus ID:	10201
UniProt ID:	<u>O75414</u>
Cytogenetics:	3p21.31
Domains:	NDK
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism, Pyrimidine metabolism
Gene Summary:	Nucleoside diphosphate (NDP) kinases (EC 2.7.4.6), such as NME6, are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates (Mehus et al., 1999 [PubMed 10453732]).[supplied by OMIM, Jul 2010] Transcript Variant: This variant (1) encodes the longest isoform (1).