

## Product datasheet for TP504231

### Nek7 (NM\_021605) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NIMA (never in mitosis gene a)-related expressed kinase 7 (Nek7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204231 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDEQSQGMQGPVVTQFQPQKALRPDMGYNTLANFRIEKKIGRGQFSEVYRASCLLDGVPVALKKVQIFDL  
MDAKARADCIKEIDLLKQLNHPNVIKYYASFIEDNELNIVLELADAGDLSRMIKHFKKQKRLIPERTVWK  
YFVQLCSALDHMSRRVMHRDIKPANVFITATGVVKLGDGLGRFFSSKTTAAHSLVGTPTYMSPERIHE  
NGYNFKSDIWSLGCLLYEMAALQSPFYGDKMNLVSLCKKIEQCDYPPPLPSDHYSEELRQLVNICINPDPE  
KRPDIAYVYDVAKRMHACTAST

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	34.5 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:	<a href="#">NP_067618</a>
Locus ID:	59125
UniProt ID:	<a href="#">Q9ES74</a>



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RefSeq Size: 3366

Cytogenetics: 1 60.82 cM

RefSeq ORF: 909

Synonyms: 2810460C19Rik; AU020186

**Summary:** Protein kinase which plays an important role in mitotic cell cycle progression. Required for microtubule nucleation activity of the centrosome, robust mitotic spindle formation and cytokinesis. Phosphorylates RPS6KB1.[UniProtKB/Swiss-Prot Function]