

## Product datasheet for TP303609

### NEK6 (NM\_014397) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human NIMA (never in mitosis gene a)-related kinase 6 (NEK6), transcript variant 2, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203609 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAGQPGHMPHGGSSNNLCHTLGPVHPPDPQRHPNTLSFRCSLADFQIEKKIGRGQFSEVYKATCLLDRKT  
VALKKVQIFEMMDAKARQDCVKEIGLLKQLNHPNIIKYLDSFIEDNELNIVLELADAGDLSQMIKYFKKQ  
KRLIPERTVWKYFVQLCSAVEHMHSSRRVMHRDIK PANVFITATGVVKGDLGLGRFFSETTAAHSLVGT  
PYYMSPERIHENGYNFKSDIWSLGLLYEMAALQSPFYGDKMNLFSLCQKIEQCDYPLPGEHYSEKLR  
LVSMCICDPHQRPDIGYVHQAQVMHIWMSST

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 35.5 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

**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\\_055212](#)

**Locus ID:** 10783



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UniProt ID: [Q9HC98](#), [A0A024R8A6](#)

RefSeq Size: 2645

Cytogenetics: 9q33.3

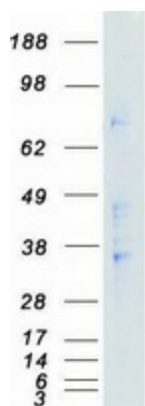
RefSeq ORF: 939

Synonyms: SID6-1512

**Summary:** The protein encoded by this gene is a kinase required for progression through the metaphase portion of mitosis. Inhibition of the encoded protein can lead to apoptosis. This protein also can enhance tumorigenesis by suppressing tumor cell senescence. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified NEK6 protein (Cat# TP303609). The protein was produced from HEK293T cells transfected with NEK6 cDNA clone (Cat# [RC203609]) using MegaTran 2.0 (Cat# [TT210002]).