

Product datasheet for **TP762163**

NEK2 (NM_002497) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human NIMA (never in mitosis gene a)-related kinase 2 (NEK2), transcript variant 1, Met1-Tyr240, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Tyr240) of NEK2
Tag:	N-His
Predicted MW:	27.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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_002488
Locus ID:	4751
UniProt ID:	P51955
RefSeq Size:	2161
Cytogenetics:	1q32.3
RefSeq ORF:	1335
Synonyms:	HsPK21; NEK2A; NLK1; PPP1R111; RP67



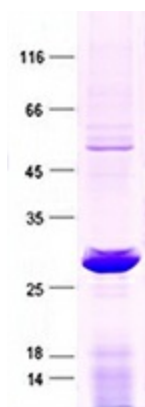
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Summary:

This gene encodes a serine/threonine-protein kinase that is involved in mitotic regulation. This protein is localized to the centrosome, and undetectable during G1 phase, but accumulates progressively throughout the S phase, reaching maximal levels in late G2 phase. Alternatively spliced transcript variants encoding different isoforms with distinct C-termini have been noted for this gene. [provided by RefSeq, Feb 2011]

Protein Families:

Druggable Genome, Protein Kinase

Product images:

Purified recombinant protein NEK2 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.