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Product datasheet for TP518193

Nek11 (NM_172461) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NIMA (never in mitosis gene a)-related expressed kinase 11 (Nek11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218193 representing NM_172461 Red=Cloning site Green=Tags(s) MLKFQETAKCVGRRPTVIPMYPTALIARRYVLQQKLGSGSFGTVYLVSDKKAKPGEELKVLKEISVGELN PNETVQANVEAQLLSRLHHPAIVRFHASFMEQETFCIITEYCEGRDLDYRIQEYKEAGKVFAENQIVEWF IQLLLGVDYMHERRILHRDLKSKNIFLKNNLLKIGDFGVSRLLMGSCELATTLTGTPHYMSPEALKHQGY DAKSDIWSLACILYEMCCLDHAFAGSSFLSVVLNIVEGKTPSLPDRYPRELNTIMERMLNKSPSLRPSAA DILKAPYMEEQLQLLMCKYPEMTLEDKNSVCQKEAAHTINAVQKKLHLQTLQALSDTQKTTPRERMWLRK LQAADERARRLKKIAEENYKENDKRMQALRSRNVGSVHAHVLHELDERTLESLPEPQSLPCLDLDELEPS LEDTIVDLGHYEIPEDPLVAEQYYSDVFDSCSEDSEEQEEEMIFSEAGGDTKEEESPSVYRTNQQDSDTA ALVGCLEHVLGYTSLDTKTITNAVTDMSPGPMVFNSAVARTKMKRMKESAVQKLGMETFEEVYDYLKRAR HQNAREAEIWEHLETVVPRASDCFEVDQLLYFEELLLTMEGKEPSLQNLPCEAAQKKPVKGTHFCDNP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	72.1 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
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.

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RefSeq:	NP_766049
Locus ID:	208583
UniProt ID:	Q8C0Q4
RefSeq Size:	2625
Cytogenetics:	9 F1
RefSeq ORF:	1884
Synonyms:	4932416N14Rik
Summary:	Protein kinase which plays an important role in the G2/M checkpoint response to DNA damage. Controls degradation of CDC25A by directly phosphorylating it on residues whose phosphorylation is required for BTRC-mediated polyubiquitination and degradation. [UniProtKB/Swiss-Prot Function]