

## NIMA-related kinase 7 Human Recombinant

<b>Item Number</b>	rAP-1682
<b>Synonyms</b>	NIMA (never in mitosis gene a)-related kinase 7, Serine/threonine-protein kinase Nek7.
<b>Description</b>	NEK7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 326 amino acids (1-302 a.a) and having a molecular mass of 37kDa. NEK7 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q8TDX7
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMDEQSQ GMQGPPVPQF QPQKALRPDM GYNTLANFRI EK-KIGRGQFS EVYRAACLLD GVPVALKKVQ IFDLMDAKAR ADCIKEIDL KQLNHPNVK YYASFIEDNE LNIVLELADA GDLSRMKHF KKQKRLIPER TVWKYFVQLC SALEHMHSRR VMHRDIKPAN VFITATGVVK LGDLGLGRFF SSKTTAAHSL VGTPTYMSPE RIHENGNFK SDIWSLGCLL YEMAALQSPF YGDKMN-LYSL CKKIEQCDYP PLPSDHYSEE LRQLVNCIN PDPEKRPDVT YVYDVAKRMH ACTASS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The NEK7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) , 0.15M NaCl and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**