

32-3064: NEK7 Recombinant Protein

Alternative Name : NIMA (never in mitosis gene a)-related kinase 7, Serine/threonine-protein kinase Nek7.

Description

Source : Escherichia Coli. 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. NEK7, protein kinase, has a vital role in mitotic cell cycle progression. It is essential for microtubule nucleation activity of the centrosome, robust mitotic spindle formation and cytokinesis. NEK7 is greatly expressed in lung, muscle, testis, brain, heart, liver, leukocyte and spleen.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The NEK7 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) , 0.15M NaCl and 20% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMDDEQSQ GMQGPPVPQF QPQKALRPDM GYNTLANFRI EKKIGRGQFS EVYRAACLLD GVPVALKKVQ IFDLMDAKAR ADCIKEIDLL KQLNHPNVIK YYASFIEDNE LNIVLELADA GDLSRMKHF KKQKRLIPER TVWKYFVQLC SALEHMHSSR VMHRDIKPAN VFITATGVVK LGDLGLGRFF SSKTTAAHSL VGTPYYMSPE RIHENGYNFK SDIWSLGCLL YEMAALQSPF YGDKMNLVSL CKKIEQCDYP PLPSDHYSEE LRQLVNMCI PDPEKRPDVT VVYDVAKRMH ACTASS.

