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NEK7, 1-302 aa, Human, His tag, E.coli

产品货号: TP03141

第三版

**别名:** Serine/threonine-protein kinase Nek7, NIMA (never in mitosis gene a)-related kinase 7

**描述:** NEK7 is protein kinase which plays an important role in mitotic cell cycle progression. It is required for microtubule nucleation activity of the centrosome, robust mitotic spindle formation and cytokinesis. NEK7 is highly expressed in lung, muscle, testis, brain, heart, liver, leukocyte and spleen. Recombinant human NEK7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol

**分子量:** 37 kDa (326aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSHMDEQSQGMQGPVPQFQPKALRPDMGYNTLANFRIEKKIGRGQFSEVYRAAC  
LLDGVVPVALKKVQIFDLMDAKARADCIKEIDLLKQLNHPNVIKYYASFIEDNELNIVLELADAGDLSRMIKHFKKQKRLIPE  
RTVWKYFVQLCSALEHMHSRRVMHRDIKPANVFITATGVVKLGDGLGRFFSSKTTAAHSLVGTPYYMSPERIHENGYNF  
KSDIWSLGLLYEMAALQSPFYGDKMNLVSLCKKIEQCDYPLPSDHSEELRQLVNMCIINPDPEKRPDVTYVYDVAKRM  
HACTASS

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.