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NEDD8, 1-76 aa, Human, His tagged, Recombinant, E.coli

产品货号: TP03138

第三版

别名:Neural precursor cell expressed, developmentally down-regulated 8, Ubiquitin-like protein Nedd8, Neddylin

描述:NEDD8 belongs to the ubiquitin family and human NEDD8 shares 60% amino acid sequence identity to ubiquitin. The NEDD8 system is essential for the regulation of protein degradation pathways involved in cell cycle progression, morphogenesis and tumorigenesis. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.5 mM DTT, 50 mM NaCl, 10% glycerol

分子量:12.8 kDa (113 aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQMQMRDLYDDDDKDRWGSHTMLIKVKTLTGKEIEIDIEPTDKVERIKERVEEKEGIPPQQ
QRLIYSGKQMNDEKTAADYKILGGSVLHLVLALRGG

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.