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Nme2, 1-152aa, Rat, His tag, E.coli

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第三版

别名:NDKB, nm23-2, p18-12d

描述:Nme2 also known as nucleoside diphosphate kinaseB is a heterodimeric protein functioning as a nucleoside diphosphate (NDP) kinase. Nme2 is a ubiquitous enzyme that catalyses phosphorylation of nucleoside 5'-diphosphate (NDP) to the corresponding triphosphate (NTP), following a Ping-Pong mechanism which includes the formation of a phosphohistidine intermediate. Recombinant rat Nme2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline pH 7.4 containing 10% glycerol

分子量:19.7kDa (175aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMANLERTFIAIKPDGVQRGLVGEIIKRFEQKGFRLVAMKFLRASEEHLKQHYIDLKD
RPFFPGLVKYMNSGPVVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVESAEKEIGLWFKPE
ELIDYKSCAHDWVYE

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Absorbance at 280nm)

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.