

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

NPL, 1-320aa, Human, His tag, E.coli

产品货号: TP03187

第三版

别名:N-acetylneuraminase lyase, c112, C1orf13, DHGPS1, MGC149582, MGC61869, NPL1

描述:NPL, also known as N-acetylneuraminase lyase, is an enzyme that catalyzes the chemical reaction. (N-acetylneuraminase → N-acetyl-D-mannosamine + pyruvate) This protein belongs to the family of lyases, specifically the oxo-acid-lyases, which cleave carbon-carbon bonds. It participates in amino sugars metabolism. Recombinant human NPL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

分子量:37.3 kDa (340aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMAFPKKKLQGLVAATITPMTENGEINFSVIGQYVDYLVKEQGVKNIFVNGTTGEGLSLS  
VSERRQVAEEWVTKGKDKLDQVIIHVGALS LKESQELAQHAAEIGADGIAVIAPFFLKPWTKDILINFLKEVAAAAPALPFY  
YYHIPALTGVKIRAEELLDGILDKIPTFQGLKFSDDLLDFGQCVDQNRQQQFAFLFGVDEQLLSALVMGATGAVGSTYN  
YLGKKTNQMLEAFEQKDFSLALNYQFCIQRFINFVVKLGFGVSQTKAIMTLVSGIPMGPPRLPLQKASREFTDSAEAKLKSL  
DFLSFTDLKDG NLEAGS
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纯度:> 95% by HPLC

浓度:1.0 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.