

Recombinant Human PNPO protein ab101213

1 图像

描述	
产品名称	重组人PNPO蛋白
纯度	> 95 % SDS-PAGE. ab101213 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q9NVS9</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMDPVKQFAAWFEEAVQCPDI GEANAMCLAT CTRDGKPSARMLLLKGFGKDGFRFFTNFESRKGEKELDSNPFA SLVFYWEP LNRQVRVEGPVKKLPEEEAECYFHSRPKSSQIGAVVSHQSSV IPDREYLR KKNEELEQLYQDQEVPKPKSWGgyVLYPQVMEFWQGQTNRHLH DRIVFRRG LPTGDSPLGPMTHRGEEDWLYERLAP
预测分子量	26 kDa including tags
氨基酸	57 to 261
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab101213 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

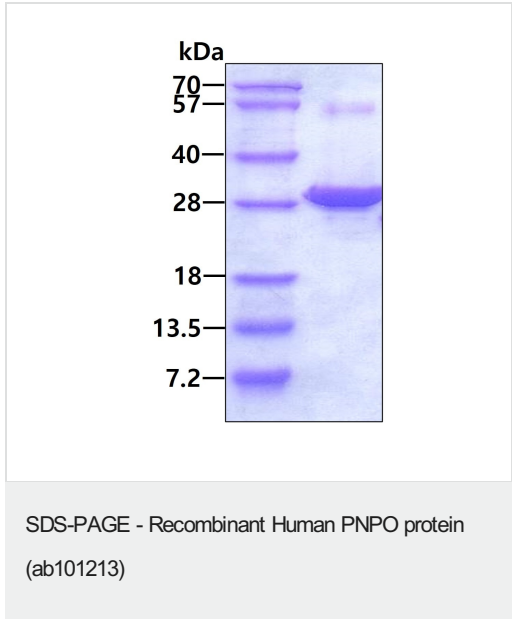
pH: 8.00

Constituents: 0.00174% PMSF, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能	Catalyzes the oxidation of either pyridoxine 5'-phosphate (PNP) or pyridoxamine 5'-phosphate (PMP) into pyridoxal 5'-phosphate (PLP).
通路	Cofactor biosynthesis; B6 vitamer interconversion; pyridoxal 5'-phosphate from pyridoxamine 5'-phosphate: step 1/1. Cofactor biosynthesis; B6 vitamer interconversion; pyridoxal 5'-phosphate from pyridoxine 5'-phosphate: step 1/1.
疾病相关	Defects in PNPO are the cause of pyridoxine-5'-phosphate oxidase deficiency (PNPO deficiency) [MIM:610090]; also known as PNPO-related neonatal epileptic encephalopathy. The main feature of neonatal epileptic encephalopathy is the onset within hours of birth of a severe seizure disorder that does not respond to anticonvulsant drugs and can be fatal. Seizures can cease with the administration of PLP, being resistant to treatment with pyridoxine.
序列相似性	Belongs to the pyridoxamine 5'-phosphate oxidase family.

图片



SDS-PAGE of ab101213 (3µg) under reducing condition and visualized by coomassie blue stain.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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