

Human Purine nucleoside phosphorylase / PNP Protein (His Tag)

Catalog Number: 12097-H08E



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Biological Solution Specialist

General Information

Gene Name Synonym:

NP; PRO1837; PUNP

Protein Construction:

A DNA sequence encoding the human PNP (P00491) (Met 1-Ser 289) was fused with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 97 % as determined by SDS-PAGE

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human PNP consisting of 299 amino acids and has a calculated molecular mass of 33.5 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, 25% glycerol, pH 7.5

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

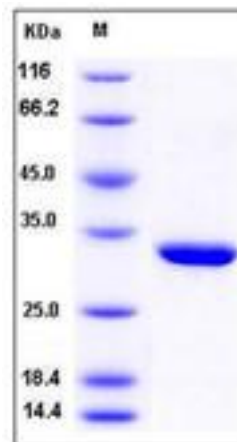
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

- 1.de Azevedo,W.F. et al., 2003, Biochem Biophys Res Commun. 312 (3): 767-72.
- 2.Canduri,F. et al., 2005, Acta Crystallogr D Biol Crystallogr. 61 (Pt 7): 856-62.
- 3.Perera,G.K. et al., 2005,Clin Exp Dermatol. 30 (1):27-9.