

PRODUCT SPECIFICATION

Name	Purine Nucleoside Phosphorylase (PNP)
Code	HE206AE

RECEIVER INFORMATION

Storage Temperature	Below -20° C (up to 18 Months)
Storage Notes	N/A

PRODUCT INFORMATION

EC Number	2.4.2.1
Activity	≥15.0U/mg
Molecular Weight	~29kDa
pI	5.32
Michaelis constant	6.4×10 ⁻⁵ M (Inosine), 3.2×10 ⁻⁴ M (Pi)
Optimum pH	6.0
pH Stability	5.0-10
Optimum Temperature	More than 45 °C
Heated Characters	Below 70 °C
Inhibitor	Not inhibited by sodium azide
Unit Definition	One unit is defined as the amount of enzyme which oxidized 1 μ mol of purine nucleoside to Hydrogen peroxide per minute.

HEALTH AND SAFETY

Warning	For in-vitro use and research or further processing only.
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