

# 产品说明书

## Product Specification

<b>产品名称</b> <b>Product Name</b>	Purine-nucleoside phosphorylase (PNP)
<b>货号</b> <b>Catalog Number</b>	CSB-DE012
<b>产品形态</b> <b>Formation</b>	White amorphous powder, lyophilized
<b>来源</b> <b>Source</b>	Microorganism
<b>EC 编号</b> <b>EC Number</b>	EC 2.4.2.1
<b>CAS 编号</b> <b>CAS Number</b>	9030-21-1
<b>存储条件</b> <b>Storage</b>	Aliquot and store at $\leq -20\text{ }^{\circ}\text{C}$
<b>有效期</b> <b>Valid Period</b>	$-20\text{ }^{\circ}\text{C}$ for 18 months
<b>分子量</b> <b>Molecular weight</b>	35 kDa (SDS-PAGE)
<b>最适 pH</b> <b>Optimum pH</b>	8.0-8.5
<b>最适温度</b> <b>Optimum</b>	$55\text{ }^{\circ}\text{C}$ .
<b>活性</b> <b>Activity</b>	$\geq 80\text{ U/mg-solid}$
<b>比活</b> <b>Specific activity</b>	$\geq 190\text{ U/mg-protein}$
<b>活性定义</b> <b>Unit definition</b>	One unit causes the formation of one micromole of uric acid per minute at pH 7.7 at $37\text{ }^{\circ}\text{C}$
<b>运用</b> <b>Application</b>	Enzymatic cycling assay