

Active Recombinant Potato Apyrase

Cat. No. Apyrase-27P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Potato Apyrase was expressed in <i>Pichia pastoris</i> .
Species	Potato
Source	Yeast
Form	Lyophilized powder
Bio-activity	ATPase ≥ 1000 units/mg protein
Purity	$\geq 90\%$ (SDS-PAGE)
Storage	Store product at -20 centigrade. When stored at -20 centigrade, the enzyme retains activity for at least two years. After reconstitution, product can be kept at $2-8$ centigrade for up to one week. It is recommended to store the protein in working aliquots at -20 centigrade.
Shipping	Wet ice
Reconstitution	This product is soluble in water, such as at 100 units/mL. It is recommended to reconstitute material in water to a concentration of $100-500$ units/mL.
CAS No.	9000-95-7
EC	3.6.1.5

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Unit definition

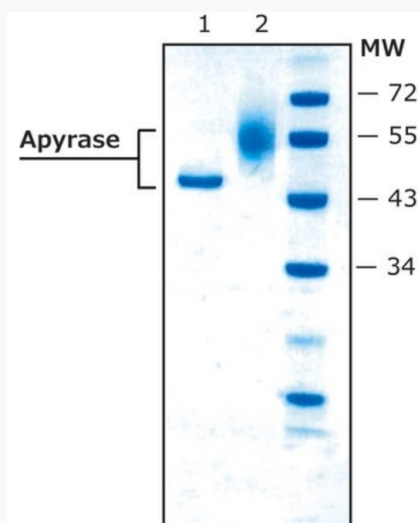
One unit will liberate 1.0 μ mole of inorganic phosphate from ATP or ADP per minute at pH 6.5 at 30 centigrade.

GENE INFORMATION
Official Symbol

Apyrase

Synonyms

Apyrase

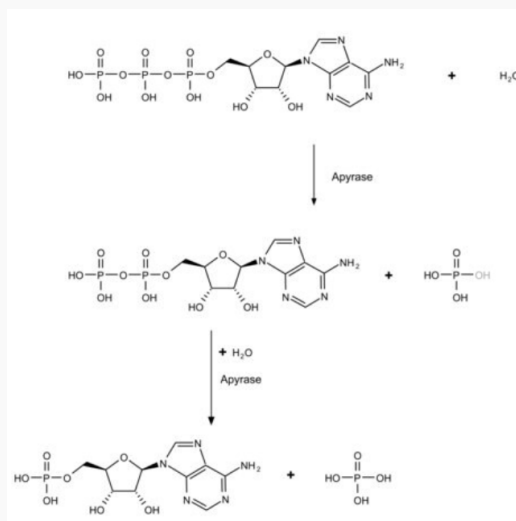
SDS-PAGE


Purity of Apyrase from potatoes was assessed on SDS-PAGE. 1. Apyrase treated with Endo H. 2. Apyrase without treatment.

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