

Active Native Potato Acid Phosphatase

Cat. No. ACP-150P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified native Sweet Potato Acid Phosphatase. CAS Number: 9001-77-8; E.C. Number: 3.1.3.2
Species	Potato
Source	Sweet Potato
Description	Sweet potato acid phosphatase has been used in a study as a pre-column enzyme reactor via a covalent bond with glutaraldehyde and aminopropyl controlled-pore glass. It has also been used in a study to investigate the use of tyrosine, histidine, and cysteine as ligands for Mn(III) in sweet potato phosphatase.
Form	Ammonium sulfate suspension
Bio-activity	>200 U/mg protein
Molecular Mass	110000
Unit Definition	One unit will catalyze the hydrolysis of one micromole of p-nitrophenylphosphate to p-nitrophenol and phosphate per minute at pH 4.8 and 37C.
Storage	2-8 centigrade.
Concentration	>0.75 mg/mL (Coomassie)

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