



Product Information

Recombinant *E. coli* O157:H7 inorganic pyrophosphatase

Cat. No.: X23-03-YW063

Size: 1 KU; 2.5 KU; 5 KU

Enzyme Commission Number: 3.6.1.1

Synonym: EcPPA

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	It is a recombinant <i>E. coli</i> O157:H7 inorganic pyrophosphatase. This product can be used to study the mode of action of the enzyme and its potential inhibitors, and can also be used as a glycoengineering tool to modify glycan <i>in vitro</i> .
Molecular Weight	20 kDa
Unit Definition	One unit will catalyze the release of 1 μ mol pyrophosphate in one minute at 37°C.
Source	<i>E. coli</i> O157:H7
Form	Lyophilized powder
Purity	>95%, determined by SDS-PAGE.
Applications	This product can be used to study the biocatalytic potential of controlling the cellular concentration of inorganic pyrophosphate (PPi) of Inorganic pyrophosphatases (PPases) and thus driving biosynthetic reactions like nucleic acid and protein synthesis to completion.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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