

inuB Protein, *Bacillus licheniformis*

Cat. No.:	HY-P702164
Synonyms:	inuB; Sucrose-6-phosphate hydrolase; Invertase
Species:	Others
Source:	E. coli
Accession:	U3M0R8 (M1-K492)
Gene ID:	/
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The inuB protein plays a pivotal role in bacterial metabolism by enabling the utilization of sucrose as a sole carbon source. This protein is crucial for the bacterium's ability to break down and metabolize sucrose, providing a source of carbon for energy and growth. By facilitating the utilization of sucrose, inuB contributes to the adaptability and metabolic versatility of the bacterium, allowing it to thrive in environments where sucrose is available. The specific function of inuB highlights its importance in the bacterial metabolic pathway and its role in ensuring efficient carbon utilization from sucrose for the organism's survival and growth.
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Caution: Product has not been fully validated for medical applications. For research use only.

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