

## Beta-galactosidase Protein, *Saccharolobus solfataricus* (FLAG, His)

Cat. No.:	HY-P701892
Synonyms:	lacS; Beta-galactosidase; Lactase
Species:	Others
Source:	E. coli
Accession:	P22498 (M1-H489)
Gene ID:	72911572
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	Beta-galactosidase Protein possesses catalytic activity, specifically engaging in the hydrolysis of terminal non-reducing beta-D-galactose residues within beta-D-galactosides. Its enzymatic function involves breaking these specific chemical bonds, facilitating the cleavage of beta-D-galactosides and contributing to the degradation of molecules containing these terminal galactose residues.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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