

## araA Protein, *Geobacillus stearothermophilus* (His)

Cat. No.:	HY-P702152
Synonyms:	araA; L-arabinose isomerase
Species:	Others
Source:	E. coli
Accession:	Q9S467 (M1-R496)
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 araA protein plays a vital role in catalyzing the conversion of L-arabinose into L-ribulose. Additionally, it demonstrates the ability to convert D-galactose into D-tagatose when tested in vitro.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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