

Recombinant *Geobacillus stearothermophilus* araA Protein (M1-R496)

Cat. No. araA-1516G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Geobacillus stearothermophilus</i> G-araA (M1-R496 end) protein without tag was expressed in <i>E. coli</i>
Species	<i>Geobacillus stearothermophilus</i>
Source	<i>E. coli</i>
ProteinLength	M1-R496
Description	Catalyzes the conversion of L-arabinose to L-ribulose. In vitro, converts D-galactose into D-tagatose.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Official Symbol	araA
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Synonyms	L-arabinose isomerase; araA; L-arabinose isomerase Automatic Annotation; EC:5.3.1.4
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UniProt ID	Q9S467
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