

Recombinant *Bacillus subtilis* araA Protein (M1-K496), His-tagged

Cat. No. araA-1441B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus subtilis</i> 6His-TEV-GG-L-arabinose isomerase(M1-K496 end) protein with a His tag was expressed in <i>E. coli</i>
Species	<i>Bacillus subtilis</i>
Source	<i>E. coli</i>
ProteinLength	M1-K496
Description	Catalyzes the conversion of L-arabinose to L-ribulose.
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.
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.

GENE INFORMATION

Gene Name [araA L-arabinose isomerase \[Bacillus subtilis subsp. subtilis str. 168 \]](#)

Official Symbol [araA](#)

Synonyms araA; L-arabinose isomerase; L-arabinose isomerase; EC 5.3.1.4; Evidence 1a: Function from experimental evidences in the studied strain; PubMedId: 10417639, 10669396, 11418559, 14973026, 18263741; Product type e: enzyme

Gene ID [936764](#)

Protein Refseq [NP_390758](#)

UniProt ID [P94523](#)

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