Recombinant Bacillus sp. aiiA Protein (Met1-Ile250), N-His tagged

Cat. No. aiiA-0698B **Lot. No.** (See product label)

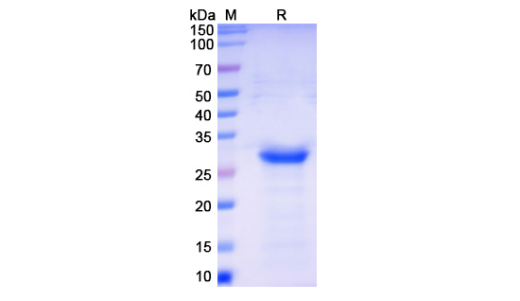
SPECIFICATION

Product Overview	Recombinant Bacillus sp. aiiA (Met1-Ile250) fused with the N-terminal His tag was expressed in E. coli.
Species	Bacillus sp.
Source	E.coli
ProteinLength	Met1-Ile250
Description	Hydrolyzes acyl homoserine lactones with varying lengths of acyl chains, with a slight preference for substrates without 3-oxo substitution at the C3 position. Has only residual activity towards non-acyl lactones, and no activity towards non-cyclic esters.
Form	Lyophilized powder/frozen liquid
Molecular Mass	28.5 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Official Symbol	aiiA
Synonyms	EC:3.1.1.81; aiiA; N-acyl homoserine lactonase; AHL-lactonase; Acyl-homoserine lactonase; Acyl-homoserine lactonase
SDS-PAGE	

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