

N-acyl homoserine lactonase Recombinant Protein | *aiiM* recombinant protein

Recombinant *Microbacterium testaceum* (strain StLB037) N-acyl homoserine lactonase

CATALOG # AAA114334	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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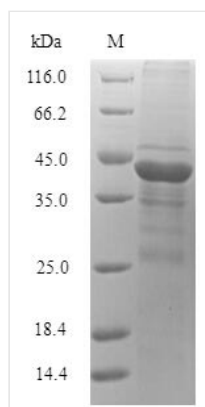
PRODUCT SYNONYMS

N-acyl homoserine lactonase; Recombinant *Microbacterium testaceum* (strain StLB037) N-acyl homoserine lactonase; AHL-lactonase; *aiiM* recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-251aa; Full Length
Sequence	MILAHDVSGS GPLLVLLHGI TEDRRSWDPV DFTDGFTVVR VDLRGHGASA AEEPYDIPTL ATDVHDTLAQ LAENDVIPGE LPVIVGHSMG GIVATAYGAL FPARAIVNVD QPLQLAGMQG QVQQAEGMLR GADFPFLFIHG MFAQMAGGLD AEELARVNGI RSPRQDVVLG MWRPLLEDSP EELAALVSGL TRIPEDVPYL VITGLDAGPE YAAWLQREIP QAVQEYVWQPP THYPHLVDPA RFVERVEAFV R
Species	<i>Microbacterium testaceum</i> (strain StLB037)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for <i>aiiM</i> recombinant protein	Hydrolyzes short- and long-chain N-acyl homoserine lactones with or without 3-oxo substitution at C3. Has slight activity towards L-homoserine lactone, and no activity towards gamma-butyrolactone.
References	" <i>AiiM</i> , a novel class of N-acylhomoserine lactonase from the leaf-associated bacterium <i>Microbacterium testaceum</i> ." Wang W., Morohoshi T., Ikenoya M., Someya N., Ikeda T. Appl. Environ. Microbiol. 76:2524-2530(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	503351239
NCBI Accession #	WP_013585900.1
NCBI GenBank Nucleotide #	WP_013585900.1
UniProt Accession #	C6L862; E8N9C9
Molecular Weight	43.3 kDa
NCBI Official Full Name	N-acyl homoserine lactonase
UniProt Protein Name	N-acyl homoserine lactonase
UniProt Gene Name	aiiM
UniProt Synonym Gene Names	AHL-lactonase
UniProt Entry Name	AHLL_MICTS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/aiim-recombinant-protein-e-coli/114334>