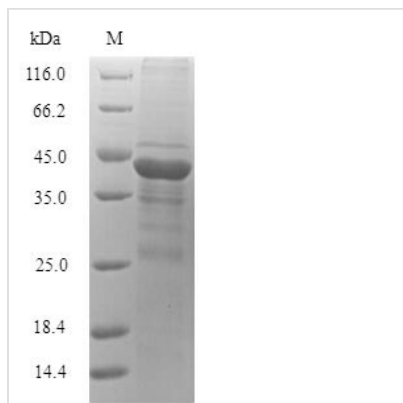




Recombinant *Microbacterium testaceum* N-acyl homoserine lactonase (aiiM)

Product Code	CSB-EP512020MTN
Relevance	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.
Abbreviation	Recombinant <i>Microbacterium testaceum</i> aiiM protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	C6L862
Alias	AHL-lactonase
Product Type	Recombinant Protein
Immunogen Species	<i>Microbacterium testaceum</i> (strain StLB037)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MILAHDVSGSGPLLVLHGHGITEDRRSWDPVDFTDGFTVVRVDLRGHGASAAEE PYDIPTLATDVHDTLAQLAENDVIPGELPVIVGHSMGGIVATAYGALFPARAIVN VDQPLQLAGMQGQVQQAEGMLRGADFPFIHGMFAQMAGGLDAEELARVNG IRSPRQDVVLGMWRPLLEDSPHEELAALVSGLTRIPEDVPYLVITGLDAGPEYAA WLQREIPQAVQEVWQPPTHYPHLVDPARFVERVEAFVR
Research Area	Others
Source	E.coli
Target Names	aiiM
Expression Region	1-251aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	43.3kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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