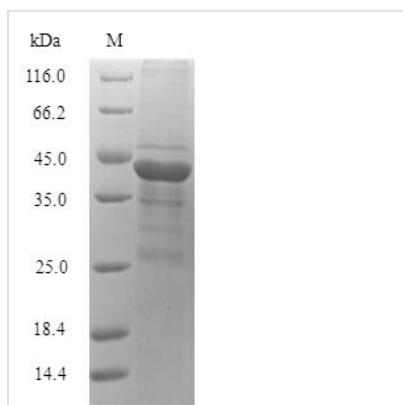




Recombinant Microbacterium testaceum N-acyl homoserine lactonase (aiiM)

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.
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	Microbacterium testaceum (strain StLB037)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MILAHDVSGSGPLLVLHGHGITEDRRSWDPVDFTDGFTVVRVDLRGHGASAAEE PYDIPTLATDVHDTLAQLAENDVIPGELPVIVGHSMGGIVATAYGALFPARAIVN VDQPLQLAGMQGQVQQAEGMLRGADFPLFIHGMFAQMAGGLDAEELARVNG IRSPRQDVVLGMWRPLLEDSPHEELAALVSGLTRIPEDVPYLVITGLDAGPEYAA WLQREIPQAVQEVWQPPTHYPHLVDPARFVERVEAFVR
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene 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 Description	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.