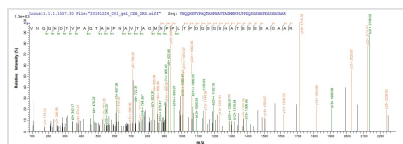


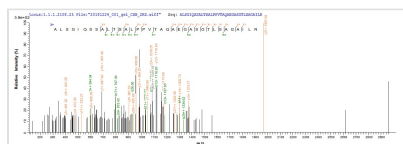


Recombinant *Pseudomonas syringae* pv. tomato Effector protein hopM1 (hopM1)

Product Code	CSB-EP803414FGP(A4)
Abbreviation	Recombinant <i>Pseudomonas syringae</i> pv. tomato hopM1 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.	Q887D0
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas syringae</i> pv. tomato (strain ATCC BAA-871 / DC3000)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MISSRIGGAGGVELSRVNQQHDTVPAQTAHPNAVTAGMNPPLTPDQSGSHAT ESSSAGAARLNVAARHTQLLQAFKAEHGTAPVSGAPMISSRAALLIGSLLQAEP LPFEVMAEKLSPERYQLKQFQGSDDLQQRLEKFAQPGQIPDKAEVVGQLIKGFAQ SVADQLEHFQLMHDASPATVVGQHAKADKATLAVSQTALGEYAGRASKAIGEG LSNSIASLDEHISALDLTLQDAEQGNKESLHADRQALVDAKTTLVGLHADFPVKS PEAKRLASVAAHTQLDNVVSDDLVTARNTVGGWKGAGPIVAAAVPQFLSSMTH LGYVRLSTSDKLRDTIPETSSDANMLKASIIIGMVAGIAHETVNSVVKPMFQAAL QKTGLNERLNMVPMKAVDTNTVIPDPFELKSEHGELVKKTPEEVAQDKAFVKS ERALLNQKKVQGSSTHPVGELMAYSAFGGSQAVRQMLNDVHQINGQTL SAR ALASGFGGAVSASSQTLLQLKS NYVDPQGRKIPVFTPDR AESDLKKDLLKGMD LREPSVRTTFYSKALSGIQSSALTSALPPVTAQAEGASGTL SAGAILRNMALAA TGSVSYLSTLYTNQSVTAEAKALKAAGMG GATPMLDR TETALNNIRHPNRESL PHTFQKSTLSGIPRVAENAYHMG RGALQLPTQMAVDTVRVVDEGV LNAVASA REALKQPTKDDDALRALEEGLLDPR
Research Area	Others
Source	E.coli
Target Names	hopM1
Expression Region	1-712aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	81.3 kDa
Protein Length	Full Length
Image	



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP803414FGP(A4) could indicate that this peptide derived from E.coli-expressed *Pseudomonas syringae* pv. tomato (strain ATCC BAA-871 / DC3000) hopM1.



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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

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.