

# Recombinant *Pseudomonas syringae* pv. tomato hopM1 protein, His-tagged

**Cat. No.** hopM1-4604P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Pseudomonas syringae</i> pv. tomato hopM1 protein(Q887D0)(1-712aa), fused to N-terminal His tag, was expressed in <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | <i>Pseudomonas syringae</i> pv. tomato                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-712aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 81.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | <p>MISSRIGGAGGVELSRVNQQHDTVPAQTAHPNAVTAGMNPPLTPDQSGSHATESS</p> <p>SAGAARLNVAARHTQLLQAFKAEHGTAPVSGAPMISSRAALLIGSLLQAEPLPFEVM</p> <p>AEKLSPERYQLKQFQGSDLQQRLEKFAQPGQIPDKAEVGQLIKGFAQSVADQLEHF</p> <p>QLMHDASPATVGQHAKADKATLAVSQTALGEYAGRASKAIGEGLSNSIASLDEHISA</p> <p>LDLTLQDAEQGNKESLHADRQALVDAKTTLVGLHADFPVKSPKAKRLASVAAHTQLD</p> <p>NVVSDLVTARNTVGGWKGAGPIVAAAVPQFLSSMTHLGYVRLSTSDKLRDITIPETSS</p> <p>DANMLKASIIGMVAGIAHETVNSVVKPMFQAALQKTGLNERLNMVPMKAVDTNTVIP</p> <p>DPFELKSEHGELVKKTPPEEVAQDKAFVKSERALLNQKKVQGSSTHPVGELMAYSAF</p> |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GGSQAVRQMLNDVHQINGQTL SARALASGFGGAVSASSQTLLQLKS NYVDPQGRKI  
 PVFTPDR AESDLKKDLLKGMDLREPSVRTTFYSKALSGIQSSALTSALPPVTAQ AEG  
 ASGTLSAGAILRNMALAATGSVS YLSTLYTNQSVTAEAKALKAAGMGGATPMLDRTE  
 TALNNIRHPNRESLPHTFQKSTLSGIPRVAENAYHMG RGALQLPTQMAVDTVRVVD  
 EGVLNAVASAREALKQPTKDD DALRALEEGLLDPR

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** 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%.

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