

# Recombinant *Bacillus subtilis* MTLD protein, His-tagged

**Cat. No.** MTLD-1275B    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Bacillus subtilis</i> MTLD full length or partial length protein was expressed.                                   |
| <b>Species</b>          | <i>Bacillus subtilis</i>                                                                                                         |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                     |
| <b>Form</b>             | Liquid or lyophilized powder                                                                                                     |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                  |
| <b>Purity</b>           | > 80% by SDS-PAGE                                                                                                                |
| <b>Notes</b>            | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |
| <b>Storage</b>          | Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.                                              |
| <b>Storage buffer</b>   | PBS buffer                                                                                                                       |

## GENE INFORMATION

|                  |                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b> | mtlD mannitol-1-phosphate 5-dehydrogenase [ <i>Bacillus subtilis</i> subsp. <i>subtilis</i> str. 168 ] |
|------------------|--------------------------------------------------------------------------------------------------------|

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|                 |                                            |
|-----------------|--------------------------------------------|
| Official Symbol | MTLD                                       |
| Synonyms        | MTLD; mannitol-1-phosphate 5-dehydrogenase |
| Gene ID         | 939968                                     |
| UniProt ID      | P42957                                     |

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