

# Recombinant M. tuberculosis amiB2 Protein, His-SUMO/MYC-tagged

**Cat. No.** amiB2-1118M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Mycobacterium tuberculosis amiB2 Protein (1-462aa) was expressed in E. coli with N-terminal 10xHis-SUMO-tag and C-terminal Myc-tag.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | M.tuberculosis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-462 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 69.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MDPTDLAFAGAAAQARMLADGALTAPMLLEVYLQRIERLDShLRAYRVVQFDRARA<br>EAEEAAQQRLDAGERLPLLGVPIAIKDDVDIAGEVTTYGSAGHGPAATSDAEVRRRLR<br>AAGAVIIGKTNVPELMIMPFTESLAFGATRNPWCLNRTPGGSSGGSSAAAVAAGLAPV<br>ALGSDGGGSIRIPCTWCGLFGLKPQRDRISLEPHDGAWQGLSVNGPIARSVMDAAL<br>LLDATTTVPGPGEFVAAAARQPGRLRIALSTRVPTPLPVRCKQELAAVHQAGALL<br>RDLGHDVVVRDPDYPASTYANYLPRFFRGISDDADAQAHPDRLEARTRAIARLGSFF<br>SDRRMAALRAAEVVLSSRIQSIFDDVDVVVTPGAATGPSRIGAYQRRGAVSTLLLVV<br>QRPYFQVWNLTGQPAAVVPWDFDGDGLPMSVQLVGRPYDEATLLALAAQIESAR<br>PWAHRRPSVS |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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**Storage**

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Full Length**

Full L.

**GENE INFORMATION****Gene Name**

Putative amidase AmiB2

**Official Symbol**

amiB2

**Synonyms**

Putative amidase AmiB2; amiB2; EC= 3.5.1.4

**UniProt ID**

P9WQ97

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