

# Recombinant Mycobacterium bovis gabT protein, His&Myc-tagged

**Cat. No.** gabT-6787M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mycobacterium bovis (strain ATCC BAA-935 / AF2122/97) gabT protein(P63505)(1-449aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                   |
| <b>Species</b>          | Mycobacterium Bovis                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-449aa                                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. 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>   | 54.3 kDa                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                    |
| <b>Reconstitution</b>   | 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 |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**

MASLQQSRRLVTEIPGPASQALTHRRAAVSSGVGVTLPVFVARAGGGIVEDVDGN  
RLIDLGSGIAVTTIGNSSPRVVDVARTQVAEFTHTCFMVTPYEGYVAVAEQLNRITPG  
SGPKRSVLFNSGAEAVENAVKIARSYTGKPAVVAFDHAYHGRTNLTALTAKSMPY  
KSGFGPFAPEIYRAPLSYPYRDGLLDKQLATNGELAAARAIGVIDKQVGANNLAALVI  
EPIQGEGGFIVPAEGFLPALLDWCRKNHVVFIADEVQTFGARTGAMFACEHEGPDG  
LEPDICTAKGIADGLPLSAVTGRAEIMNAPHVGGGLGGTFGGNPVACAAALATIATIES  
DGLIERARQIERLVTDRLTTLQAVDDRIGDVRGRGAMIARELVKSGTTEPDAGLTERL  
ATAAHAAGVILTCGMFGNIIRLLPPLTIGDELLSEGLDIVCAILADL

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