

Recombinant Escherichia coli O157:H7 tig protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. tig-323E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Escherichia coli O157:H7 tig protein(P0A851)(1-432aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
Species	E.coli
Source	E.coli
ProteinLength	1-432aa
Conjugation/Label	Biotin
Form	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.
Molecular Mass	96.0 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

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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.

AA Sequence

MQVSVETTQGLGRRVTITIAADSIETAVKSELVNVAKKVRIDGFRKGKVP MNIVAQRY
 GASVRQDVLGDLMSRNFIDAIIEKINPAGPTYVPGEYKLGEDFTYSVEFEVYPEVE
 LQGLEAIEVEKPIVEVTDADVDGMLD LTRKQQATWKEKDGAVEAEDRVTIDFTGSVD
 GEEFEGGKASDFVLAMGQGRMIPGFEDG IKGHKAGEEFTIDVTFPEEYHAENLKGGK
 AAKFAINLKKVEERELPELTAEFIKRFGVEDGSVEGLRAEVRKNMERELKSAIRNRVK
 SQAIEGLVKANDIDVPAALIDSEIDVLRRQAAQRFGGNEKQALELPRELFEEQAKRRV
 VVGLLLGEVIRTNELKADEERVKGLIEEMASAYEDPKEVIEFYSKNKELMNMRNVAL
 EEQAVEAVLAKAKVTEKETTFNELMNQQA

Conjugation

Biotin

SDS-PAGE
