

Recombinant *Lactobacillus reuteri* (strain DSM 20016) atpD protein, His&Myc-tagged

Cat. No. atpD-322L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Lactobacillus reuteri</i> (strain DSM 20016) atpD protein(A5VIR1)(1-475aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in <i>E.coli</i> .
Species	<i>Lactobacillus reuteri</i>
Source	<i>E.coli</i>
ProteinLength	1-475aa
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	59.1 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 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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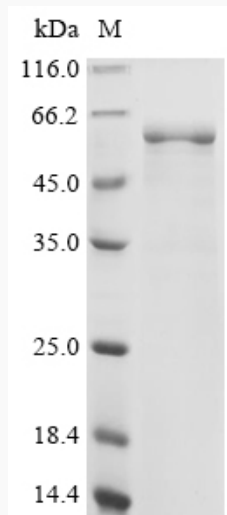
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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MSSGKVLQVIGPVVDVEFPLDEKLPEINDALKIKESDGKTLTTEVALELGDGVVRTIA
MDGTDGLQRGMEVENTGASISVPVGDDTLGRVFNVLGEPVDNGPKFGPDAKRMP
HRDAPKYDDLNNATEILETGKVIDLLAPYVRGGKIGLFGGAGVGKTVLIQELIHNIAQ
GHNGISVFTGVGERTREGNDMMYEMKASGVLEKTAMVYGQMNEPPGARMRVALT
GLTIAEYFRDVKGQDVLLFIDNIFRFTQAGSEVSALLGRIPSAVG YQPTLATEMGQLQ
ERITSTKKGSITSIQAVYVPADDYTD PAPATTF AHLDATTNLERRLTQIGIYPAVDPLA
STSTALTPEIVGKEHYEVATQVQHVLQRYHELQDIISILGMDELSDEEKTIVARRRIQ
NFLSQSFSVASQFTGLPGKYVPLKETIKGFKEILAGKYDDLPEEAFRLVGPIEDVVEK
AKKMKAETDEDSSD

SDS-PAGE



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