E. coli K12
UT5600

Lot: 0051112
Exp: 12/16
Store at –20°C

Description: A suspension of E. coli K12 UT5600 which has been grown in LB medium and brought to 50% glycerol. Grow by streaking out on an LB plate and incubating at 37°C. This strain is deficient in the OmpT protease, a periplasmic protease. This protease can degrade cytoplasmically expressed proteins when the cells are lysed to make a crude extract, and it may degrade proteins expressed in the periplasm as well. UT5600 is EcoK r+ m+, so plasmids have to be modified (i.e., come from an m+ strain such as TB1, JM83, JM107, etc.) in order to get transformants.

Genotype: F⁻ ara-14 leuB6 secA6 lacY1 proC14 tfs-67 Δ(ompT-fepC)266 entA403 trpE38 rfbD1 rpsL109(Str⁺) xyl-5 mtl-1 thi-1

Notes: Storage at –70°C is recommended for periods longer than 30 days. Avoid repeated freeze/thaw cycles.

References:

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