Pichia Strains

ATUM offers a selection of Pichia pastoris expression strains for research use. These strains are ready to use with all ATUM Pichia vectors. Three IP-Free Pichia Strains are available – wild type, slow methanol metabolizing and protease deficient strains allowing you to optimize expression in Pichia.

Pichia Strains

Cat #	Name
PPS-9010	wild type
PPS-9011	aox1Δ (Mut^S)
PPS-9016	pep4Δ, prb1Δ
PPS-KT (3 strains)	Strain kit (3 strains)

200µl Package size. Strains are shipped at room temperature in YPD + 1M Sorbitol. Store at 4°C on arrival.

Protocols for strain propagation:

Strains are in YPD + 1M Sorbitol broth and are shipped at ambient temperature. When received, strains should be stored at 4°C and revived within 1 week by streaking for single colonies to YPD Agar plates (Teknova, Cat. No. Y1000 with 1% yeast extract, 2% peptone, 2% glucose and 2% agar) and incubating for 2 days at 30°C.

Master stocks are made by culturing a single colony of each strain overnight in YPD broth (Teknova, Cat No. Y5000 with 1% yeast extract, 2% peptone, 2% glucose). Harvest cells (5 min at 500 x g) and suspend cell pellet in YPD Broth containing 30% glycerol. Cells are frozen on a dry ice/ethanol bath and stored at -80C.

For Competent cell preparation, Culture and Induction protocols, see

www.atum.bio/wp-content/uploads/2013/04/Pichia_culture_induction_protocol.pdf

Intellectual Property Statement

Proteins and peptides made with Pichia strains (the "Pichia Strains") can be used commercially without license obligations. However, neither the Pichia Strains, nor any strains derived from the Pichia Strains, may be transferred or sold to third parties, resold, modified for resale, or used to provide a service of any kind to third parties, including, without limitation, reporting the results of customer activities for a fee or other form of consideration.

Available online: https://www.atum.bio/company/terms-and-conditions

These strains have been jointly developed by BioGrammatics and ATUM (formerly DNA2.0).