

MUT-4846 rbcL-C256F/K258R/I265V mt+ (Triple)

Cat. No. ALS-03981

Lot. No. (See product label)

Subcategory

Mutants

Description

A plasmid containing the rbcL-C256F/K258R/I265V gene was transformed into rbcL Δ -MX3312 mt+ (MUT-4696). This strain was created for isogenic comparison with rbcL-V221C/V235I/C256F/K258R/I265V mt+ (Penta). The strain has been maintained with acetate medium in darkness to prevent selection for secondary mutations that may improve Rubisco function.

Species

Chlamydomonas

Locus

rbcL

Chromosome

Chloroplast

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY