

MUT-4747 rbcS1-P19A mt-

Cat. No. ALS-03883

Lot. No. (See product label)

Subcategory

Mutants

Description

Directed mutagenesis and nuclear-gene transformation of rbcS Δ -T60-3 mt- (MUT-4415) were used to create a P19A substitution (CCT-GCC) in the Rubisco small subunit, which causes a decrease in Rubisco holoenzyme stability. This strain has been maintained with acetate medium in darkness to prevent selection for secondary mutations that may improve Rubisco function or stability.

Species

Chlamydomonas

Locus

RBCS1

Chromosome

2

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