

MUT-4708 rbcL-D86R mt+

Cat. No. ALS-03845

Lot. No. (See product label)

Subcategory

Mutants

Description

Directed mutagenesis and chloroplast transformation of rbcL-W66Amber mt+ were used to create a D86R substitution (GAT-CGT) to investigate the interaction between Rubisco and Rubisco activase. This is the original mutant strain. It has been maintained with acetate medium in darkness to prevent selection for secondary mutations that may alter the interactions between activase and Rubisco.

Species

Chlamydomonas

Locus

rbcL

Chromosome

Chloroplast

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY