

# MUT-4725 rbcS1-I58W mt-

*Cat. No.* ALS-03862

*Lot. No.* (See product label)

---

## Subcategory

Mutants

## Description

Using plasmid pSS1, which contains rbcS1 that encodes Rubisco small-subunit 1, and rbcS $\Delta$ -T60-3 mt- (MUT-4690) as the host strain, directed mutagenesis and nuclear-gene transformation were used to create an I58W substitution (ATC-TGG) in the Rubisco small subunit. This strain has been maintained with acetate medium in darkness since its isolation.

## Species

Chlamydomonas

## Locus

RBCS1

## Chromosome

2

---

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**