

MUT-4475 tla5 mt+

Cat. No. ALS-03640

Lot. No. (See product label)

Subcategory

Mutants

Description

This strain has a lower Chl per cell content and higher Chl a/Chl b ratio than corresponding wild type strains. Physiological analyses revealed a higher intensity for the saturation of photosynthesis and greater Pmax values in the tla5 mutant than in the wild type. Biochemical analyses showed that the tla5 strain was deficient in the Chl a-b light harvesting complex (LHC), and had a Chl antenna size of the photosystems that was smaller than that in the wild type.

Species

Chlamydomonas

Locus

TLA5

Phenotype

Somewhat chlorophyll deficient

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY