

MUT-532 ac20 cr1 mt-

Cat. No. ALS-01394

Lot. No. (See product label)

Subcategory

Mutants

Description

This strain was received as ac20 but was found by genetic analysis to be the double mutant ac20 cr1; see MUT-43 for more information. It is deficient in chloroplast ribosomes and has pleiotropic defects in chloroplast structure and function. However, it does grow slightly on minimal medium. The acetate-requiring phenotype is enhanced at 15 °C. This strain is a good choice for a strain with a general defect in chloroplast protein synthesis.

Species

Chlamydomonas

Locus

AC20, CR1

Chromosome

1,12

Phenotype

Requires acetate; cold sensitive on minimal medium

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY