

# MUT-2255 dum1 (cob1 deletion) mt-

Cat. No. ALS-02304

Lot. No. (See product label)

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## Subcategory

Mutants

## Description

This is a terminal deletion mutation in mitochondrial DNA that eliminates the cob (cytochrome b) gene. It is an obligate photoautotroph, i.e. cannot grow on acetate medium in the dark. DNA analysis shows both monomer and dimer forms of the genome, and a heterogeneous size distribution. MUT-2654 is a subclone of this strain.

## Species

Chlamydomonas

## Locus

cob

## Chromosome

Mitochondrial

## Phenotype

Dies in the dark

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**