

# MUT-2896 nit5 mt+

*Cat. No.* ALS-02590

*Lot. No.* (See product label)

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## Subcategory

Mutants

## Description

This is a cryptic mutation present in Sager's 21 gr strain, identified after nitrosoguanidine mutagenesis that produced a second mutation, nit6. Mutants at the NIT5 locus are deficient in the molybdenum cofactor for nitrate reductase and xanthine dehydrogenase, but both the nit5 and nit6 mutations are required to produce a nitrate reductase deficient phenotype.

## Species

Chlamydomonas

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**