

MUT-32 pab1 mt+

Cat. No. ALS-01240

Lot. No. (See product label)

Subcategory

Mutants

Description

This strain requires 50 micrograms/mL p-aminobenzoic acid; yeast extract will suffice. It cannot use shikimic acid, p-hydroxybenzoic acid, or other aromatic compounds. The original mutant description stated that it is killed by 1 microgram/mL sulfanilamide. It is easy to score by failure to grow on minimal or acetate medium. In a test cross to a wild type strain, in which the meiotic tetrad products were dissected on yeast extract, the pab products formed small colonies, but grew adequately when repicked.

Species

Chlamydomonas

Locus

PAB1

Chromosome

3

Phenotype

Requires p-aminobenzoic acid

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY