

G418

Catalogue No.: abx098131

G418 is an aminoglycoside antibiotic, which blocks polypeptide synthesis by interfering with the function of 80S ribosome. Due to its toxicity on prokaryotic and eukaryotic cells (including bacteria, fungi, plants and mammalian cells), it is widely used as a selective agent in stable transfection. The resistance mechanism is based on a resistance gene (Neomycin) specifically expressing aminoglycoside phosphotransferase, which confers resistance on cells. Thus cells are able to grow in selective culture media containing G418.

Target: G418

Storage: Store between 2-8 °C for up to 2 years.

Buffer: Not applicable.

Concentration: 50 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only