



Puromycin and G418/Geneticin[®] Promotion

Puromycin is a selection antibiotic that acts on both prokaryotic and eukaryotic cells. It is an aminonucleoside antibiotic produced by *Streptomyces alboniger*. It specifically inhibits peptidyl transfer on prokaryotic and eukaryotic ribosomes. Puromycin antibiotic ensures effective positive selection of cells expressing the Puromycin-N-Acetyl-Transferase (pac) gene. In mammalian cells, the recommended working concentration range for Puromycin is 0.5 - 10 µg/ml.

- Used mammalian cell culture as a selectable marker
- Useful in CRISPR/Cas9 mammalian gene editing by selecting for successful Cas9-induced knock-in with Puromycin resistance gene

G418 is an antibiotic belonging to the aminoglycoside family. It is similar in structure to Gentamicin B1, and is widely used for selection in genetically engineered eukaryotic cells expressing the neomycin resistance gene (neo). G418, otherwise known as Geneticin[®], is produced by *Micromonospora rhodorangea* through fermentation processes. It works by blocking polypeptide synthesis by preventing the elongation step. It is toxic to bacteria, yeast, protozoans, higher plant, and mammalian cells.

- Used routinely in molecular genetics experiments for selecting eukaryotic transformants
- Used in plant and mammalian cell culture as a selectable marker
- Used as a gene selection antibiotic that has a powerful new role in genome editing, utilizing the CRISPR/Cas9 system

BioConcept offers Puromycin and G418 as powder or liquid at promotional prices:

Cat. No.	Product	Quantity	List Price CHF	Offer Price CHF
4-17P00-DB	Puromycin Dihydrochloride (Powder)	100 mg	130.00	117.00
4-17F00-BD	Puromycin Dihydrochloride (Liquid, 10 mg/ml)	10 x 1 ml	350.00	315.00
4-17F00-E	Puromycin Dihydrochloride (Liquid, 10 mg/ml)	20 ml	560.00	504.00
4-15P01-GA	G418/Geneticin [®] (Powder)	5 g	254.00	140.00
4-15F01-H	G418/Geneticin [®] (Liquid, 50 mg/ml)	100 ml	490.00	254.00

This promotion is valid until July 31, 2021. No other discounts apply.

All prices in CHF excl. VAT. Please mention offer number **BGP21** when ordering.

Geneticin[®] is a registered trademark brand of Thermo Fisher Scientific.