

### ★ Storage

Store at -20°C.

### ✎ Contents

- Product Manual
- Puromycin Dihydrochloride, >98%

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

### ★ Shipping Condition

Ship with ice pack.

### ★ Description

Puromycin is a protein synthesis inhibitor that cause premature chain termination by acting as an analog of the 3'-terminal end of aminoacyl-tRNA. It prevents growth of bacteria, protozoa, algae, and mammalian cells. Acts very quickly and can kill 99% of cells within 2 days, the resistance gene (puromycin acetyltransferase) gives very effective protection.

### ★ Physical appearance

Powder

### ★ M.W.

544.43

### ★ Molecular Formula

C<sub>22</sub>H<sub>29</sub>N<sub>7</sub>O<sub>5</sub>·2HCl

### ★ Use

Puromycin is soluble in water and it often used as a selective agent in molecular biology research.

### ★ Related Products

Product Name	Cat No
Albumin, (IgG, Fattu Acid and Protease Free)	A0100
AffiSelect Cox IV Loading Control Antibody	A0017
AffiSelect GAPDH Loading Control Antibody, 100ug	A0039
AffiSelect Beta-Actin Loading Control Antibody, 100ug	A0042
AffiSelect a-Tubulin Loading Control Antibody, 100ug	A0050
NP-40 Lysis Buffer (2X)	N1200
Affiselect Total Protein Extraction Solution	A0710
RIPA Cell Lysis Buffer (1X) with EDTA	R4100
Xert Protease Inhibitor Cocktail Solution (100X)	P3100
Xpert Prestained Protein Marker (6.5-240 kDa)	P8502
Xpert 2 Prestained Protein Marker (10-240 kDa)	P8503
TBS Buffer, 20X, pH 7.4	T8054
West-Ez Stripping buffer	S2100
Goat anti-Rabbit IgG(H+L)-HRP, 1mg/ml	SA002
Rabbit anti-Goat IgG(H+L)-HRP, 1mg/ml	SA007
Tween 20, Molecular Biology Grade	T9100
West-Q Pico Dura ECL Solution	W3653
West-Q Femto ECL Solution	W3700
West-Ez Blocker, 5% Non-Fat Kit	W3710