TIANGEN®

MP210831

Pre-stained Dual Color Protein Marker (18~100 kDa)

Cat. no. 4992806

Storage: -30~-15°C for 1 year.

Concentration: 0.2~0.3μg /μl of each protein.

Product size

Pre-stained Dual Color Protein Marker	200 μl (20 lanes)

TIANGEN BIOTECH (BEIJING) CO., LTD.
HTTP://WWW.TIANGEN.COM/EN

Description

TIANGEN Pre-stained Dual Color Protein Marker is a dual color protein molecular weight standard with five pre-stained recombinant proteins covering a range from 18 kDa to 100 kDa. The marker contains two orange reference bands of 28 kDa and 100 kDa, and three blue reference bands of 18 kDa, 45 kDa and 60 kDa.

TIANGEN Pre-stained Dual Color Protein Marker is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western Blot transfer efficiency and for approximately sizing of proteins.

Storage buffer

30 mM Tris-HCl (pH 7.5), 10 mM EDTA, 33% glycerol, 2% SDS.

1× SDS-PAGE buffer: 3.0 g Tris base (25 mM), 18.8 g Glycine (250 mM), 1 g SDS, dilute with ddH_2O to 1 L.

1× Transfer buffer(Dry transfer): 5.8 g Tris base (48 mM), 2.9 g Glycine (39 mM) , 0.37 g SDS, 20% methanol, dilute with ddH_2O to 1 L.

Protocol

1. Thaw the marker at room temperature or 37~40°C for a few minutes to dissolve precipitated solids. Do not boil.
2. Mix gently but thoroughly, to ensure the solution is homogeneous.
3. Load 10 μl of the marker per well for gels with a thickness of 1.0 mm. The loading volume should be increased for thicker gels.

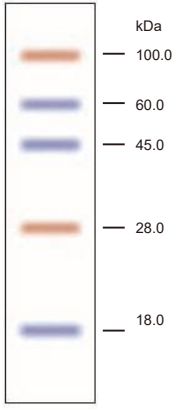
Electrophoresis

12~15% SDS-PAGE, 120~200 V for 30~50 min (Mini Electrophoresis System)

Note

1. Excessive electrophoresis run time may cause the diffusion of the protein bands.
2. Pre-stained Dual Color Protein Marker is not suited for long-time (overnight) Western transfer in low voltage.

Pre-stained Dual Color Protein Marker



12% SDS-PAGE