

Prestained Protein Marker 10-180Kd

Product Number: PMK10A

Shipping and Storage

1. Store at -20 ± 5 °C.
2. Dry ice or ice pack transportation of this product.

Components

Component	PMK10A
Prestained Protein Marker 10-180Kd	100μL

Description

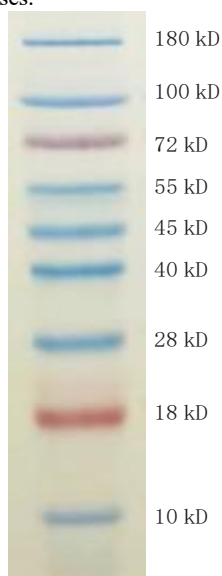
This product consists of 9 proteins ranging from 10 kD to 180 kD (10 kD, 18 kD, 28 kD, 40 kD, 45 kD, 55 kD, 72 kD, 100 kD, 180 kD). Among them, 72 kD is blue purple and 18 kD is orange red. The molecular weight range from low to high can monitor the protein separation during electrophoresis, and the molecular weight of the target protein can be determined by staining. The recommended sample size for this product is 3-5μL.

Protocol

1. After melting this product at room temperature, gently mix well to fully dissolve the precipitate.
2. Take appropriate amount of this product into the gel hole. mini-gel: 3-5μL; When the gel thickness is greater than 1.5 mm, the sample loading amount can be increased appropriately.

Note

1. The product needs to be restored to room temperature before use to fully dissolve the precipitate. Incomplete protein denaturation at low temperatures may result in varying degrees of dispersion of the electrophoretic bands.
2. The electrophoresis time should not be too long, as prolonged exposure may lead to the dispersion of protein bands.
3. This product is recommended to be used in Tris Glycine buffer system. In other buffer systems, the molecular weight of each band of this product needs to be recalibrated using non pre stained protein markers.
4. At low concentrations of gel, low molecular weight proteins will swim at the front edge of the dye.
5. For your safety and health, please wear lab coats and disposable gloves when operating.
6. This product is only for scientific research purposes.



For Research Use Only



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10% Tris glycine 200 V electrophoresis for 35 minutes