



## **Prestained Protein Marker II (10-200kDa)**

**Product Number: PMK02**

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### **Shipping and Storage**

Ice bag (wet ice) transportation, Stored at -20°C, valid for 12 months.

### **Components**

Component	Specifications
Prestained Protein Marker II (10-200kDa)	250µl

### **Description**

This product, Prestained Protein Marker II (10-200kDa), consists of 10 high-purity and pre stained recombinant proteins and peptide segments. The indicated molecular weight range in Tris Glycine gel is 10-200kDa (~10, ~18, ~23, ~30, ~42, ~55, ~75, ~110, ~140, ~200kDa), of which 75kDa is an orange red band, 10kDa is a rose red band, and the rest are blue bands, making it convenient to dynamically observe the protein electrophoresis status or determine the protein transfer effect. Suitable as a protein molecular weight standard for SDS-PAGE and Western blot.

### **Protocol**

1. This product is ready to use and does not require the addition of reducing agents or heating. Take the Prestained Protein Marker stored at -20°C and thaw it at room temperature, then gently and thoroughly mix it;
2. Take 3-10µl of this product and perform protein electrophoresis simultaneously with the experimental sample; It is recommended that qualified laboratories can determine the appropriate sample size through pre experiments based on their own experimental conditions and habits when using this product for the first time. This can not only save costs but also obtain better experimental images;
3. After use, the Preserved Protein Marker should be promptly stored at -20°C (it is recommended to pack 5-10µl separately for use). This Prestained Protein Marker II (10-200kDa) can be stored at room temperature for ≥ 20 days; Store at 2-8°C for ≥ 2 months; Store at -20°C for ≥ 12 months..

### **Note**

1. This pre stained protein molecular weight standard cannot be heated or boiled at 100°C, as heating or boiling can cause degradation or discoloration of protein bands.
2. If using anti his labeled antibodies, it is not recommended to use this product.
3. When Western blotting large molecular weight proteins, it is necessary to extend the membrane transfer time or increase the membrane transfer voltage.
4. The molecular weight of the reference pre stained protein in the figure is calibrated based on the molecular weight of non pre stained proteins.
5. For your safety and health, please wear laboratory clothes and disposable gloves for operation.

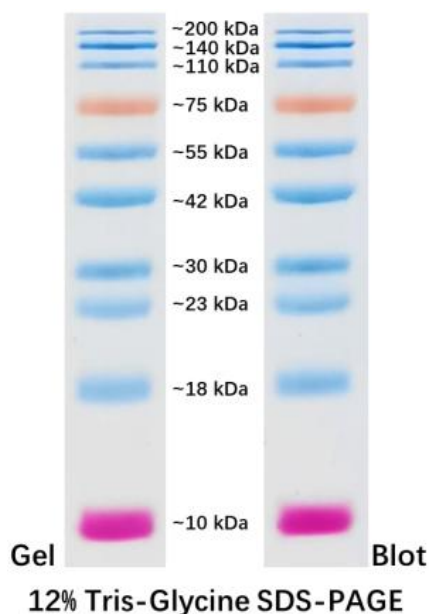


Figure 1. Prestained Protein Marker II (10-200kDa) Reference Molecular Weight Size