



Prestained Protein Marker IX (2-40kDa)

Product Number: PMK09

Shipping and Storage

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

Components

Component	Specifications
Prestained Protein Marker IX (2-40kDa)	250µl

Description

This product, Prestained Protein Marker IX (2-40kDa), is composed of seven high-purity and pre stained recombinant proteins and peptide segments. The indicated molecular weight range in Tris Tricine gel is 2-40kDa (~2,~4.5,~8,~13,~20,~30,~40kDa), with 30kDa and 8kDa protein bands being rose red, while the others 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 5-10µl 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; Small molecular weight protein electrophoresis uses Tris Tricine gel system, and other gel systems cannot separate proteins below 10kDa; WB membrane conversion requires 0.22µM pore PVDF membrane (reference conditions: 300mA, 30 minutes);
3. Preserved Protein Marker should be stored at -20°C in a timely manner after use (it is recommended to pack 5-10µl separately for use).

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. Small molecular weight pre staining Marker recommends using Tris Tricine gel system, 100 V electrophoresis for 4-5 h, and ice bath for the whole process; The membrane transfer requires the use of 0.22µM pore size PVDF membrane, with reference conditions of 300mA and 30min.
3. The molecular weight of the reference pre stained protein in the figure is calibrated based on the molecular weight of non pre stained proteins.
4. This Preserved Protein Marker IV can be stored at room temperature for ≥ 20days; Store at 2-8°C for ≥2 months; Store at -20°C for ≥12 months.
5. For your safety and health, please wear laboratory clothes and disposable gloves for operation.

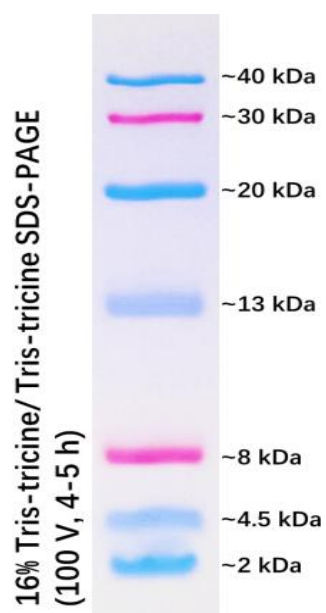


Figure 1. Prestained Protein Marker IX (2-40kDa) Reference Molecular Weight Size