



Calibrated Color Prestained Protein Marker (10-250kDa)

Catalog No.: RA10038

Product Information

The Calibrated Color Prestained Protein Marker (10-250kDa) contains 11 highly purified recombinant pre-stained proteins, with molecular weights ranging from 10 to 250kDa (10, 15, 20, 25, 30, 40, 50, 72, 100, 130, 250kDa). Among these, the 72kDa band appears orange-red, the 25kDa band is green, and the rest are blue, allowing for quick localization without the need for staining.

The apparent molecular weights of the product have been calibrated against authoritative non-pre-stained marker standards, ensuring accuracy and stability. It is suitable for SDS-PAGE electrophoresis and Western Blot experiments.

The marker is pre-mixed with 1× SDS-PAGE loading buffer and is ready to use directly. Do not boil, dilute, or add reducing agents. Load 3-5µL depending on the well size. Clear bands can be observed during electrophoresis, after electrophoresis, and after membrane transfer.

Product Specifications

Product Name	Storage	Size 1	Size 2	Size 3
Calibrated Color Prestained Protein Marker (10-250kDa)	-20°C	100µL	250µL*2	250µL*10

This product should be stored at -20°C and has a shelf life of 2 years. It can be stored at 4°C for up to 2 months.

Product Advantages

Stable Migration: Maintains consistent migration behavior across different buffer systems and experimental conditions.

Accurate Calibration: Strictly calibrated using non-pre-stained protein molecular weight standards, with accuracy surpassing international brands.

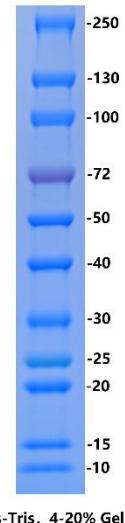
High Stability: No significant band changes observed after 50 freeze-thaw cycles or 30 days of storage at room temperature.

Instructions for Use

1. Remove the product from -20°C storage and thaw at 4°C or room temperature. Mix gently before use. Do not boil.
2. Load 3-5µL into the gel well. The loading volume may be adjusted appropriately based on gel properties and experimental preferences.

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3. Unused marker should be stored at -20°C. It can be stored at 4°C for up to 2 months.

**Precautions**

1. This product contains loading buffer and must not be heated or boiled.
2. To reduce the risk of degradation and contamination, it is recommended to aliquot and store at -20°C.
3. This product is for research use only.