

## Pre-stained Protein Ladder (10-250kDa)

Catalog No.: RA10071

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### Product Information

Pre-stained Protein Ladder (10-250kDa) is a wide-range, three-color pre-stained protein molecular weight standard covering 10 kDa to 250 kDa, containing 10 highly purified recombinant proteins. The 70 kDa band is orange-red, the 10 kDa band is green, and the remaining bands are blue. This product is especially suitable for SDS-PAGE and Western blot analysis of large molecular weight proteins. It can be loaded directly without any pretreatment, and the pre-stained bands remain clearly visible after transfer, making it an ideal choice for protein research.

### Product Specifications

| Product Name                           | Storage | Size 1 | Size 2  |
|----------------------------------------|---------|--------|---------|
| Pre-stained Protein Ladder (10-250kDa) | -20°C   | 250μL  | 250μL×4 |

This product should be stored at -20°C and has a shelf life of 3 years. It can be stored at 4°C for up to 2 months.

### Product Advantages

**Ready-to-use:** No boiling, dilution or reducing agent required; load directly.

**High purity:** Recombinant protein, no interfering impurity bands, clean background, free of His-tag.

**High Stability:** Storable for 36 months at -20°C and stable during room-temperature shipping.

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

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| 4-20% Tris-Glycine |                                                                                   | 4-20% Bis-Tris |
|--------------------|-----------------------------------------------------------------------------------|----------------|
| 250                |  | 185            |
| 130                |  | 115            |
| 100                |  | 80             |
| 70                 |  | 65             |
| 55                 |  | 50             |
| 40                 |  | 40             |
| 35                 |  | 30             |
| 25                 |  | 25             |
| 15                 |  | 15             |
| 10                 |  | 10             |

### 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.