



YamayBio

Unstained Protein Ladder

USER MANUAL

For research use only.
Not for use in diagnostic procedures.

Contents and Storage

Unstained Protein Ladder

CY5462-500 250 μ L \times 2

CY5462-2500 250 μ L \times 10

Storage: Store at 4 °C for 3 months or store at -20 °C for 24 months.

The product is shipped at room temperature.

Introduction

This product consists of 10 recombinant proteins ranging from 10 to 235 kDa (10, 15, 20, 25, 35, 50, 70, 100, 150, 235). It provides sharp, well-defined bands with accurate molecular weights, a well-balanced distribution, and excellent storage stability.

Instructions for Use

1. Before loading, allow the product to equilibrate to room temperature for several minutes. After thawing, gently mix to ensure the solution is homogeneous.

2. Load an appropriate volume into the gel wells according to gel thickness. Recommended loading volumes are as follows:

- For gels with a thickness of 0.75–1.0 mm, load 5 μ L per well.
- For gels with a thickness of 1.5 mm, load 10 μ L per well.

3. The loading volume may be adjusted as needed. After use, recap the tube tightly and store at 4 °C or -20 °C.

Note: When loading 5 µL per well, each protein band contains approximately 0.5–1 µg of protein.

- This product may be heated to boiling if required.
- To avoid repeated freeze–thaw cycles and potential contamination, it is recommended to aliquot the product and store at –20 °C.

Unstained Protein Ladder



12.5% Tris-Glycine SDS-PAGE Gel

Related products

Product	Cat. No.	Quantity
Multicolor Low Range Protein Ladder 1.2-40 kDa	CY5461	50 µL / 50 µL × 5
Tricolor Prestained Protein Ladder 10-180 kDa (Orange, Green & Blue)	CY5463	250 µL × 2 / 250 µL × 10
Tricolor Prestained Protein Ladder 10-250 kDa (Orange, Green & Blue)	CY5466	250 µL × 2 / 250 µL × 10
Multicolor Prestained NIR Protein Ladder 10-250 kDa	CY5468	250 µL × 2 / 250 µL × 10