

Unstained Protein MW Marker (10-235kDa)

N1491669

Store at 2-8°C short term (3 months). Store at -20°C long term (12 months). Avoid freeze/thaw cycle. Upon receipt, it is recommended to aliquot.

Introduction:

This product consists of 10 recombinant proteins spanning a molecular weight range of 10–235 kDa. The marker provides sharp bands, accurate molecular weights, well-distributed size ranges, and excellent storage stability.

Usage method:

1. Thaw the marker at room temperature for a few minutes before use. Gently mix to ensure homogeneity.
2. Load an appropriate volume into the gel wells:
 - 2.1 Gel thickness 0.75–1.0 mm: Load 5µL/well.
 - 2.2 Gel thickness 1.5 mm: Load 10µL/well.
 - 2.3 Adjust the volume as needed based on experimental conditions.
3. After use, close the tube and store at 4°C or –20°C.

Note: For a 5µL loading volume, each band contains approximately 0.5–1µg of protein.

Matters needing attention:

1. This product can be heated/boiled (e.g., for denaturing gels).
2. In low-percentage gels, low-molecular-weight bands may co-migrate with the dye front and become unresolved.
3. To avoid repeated freeze-thaw cycles and contamination, aliquot and store at –20°C.
4. This product contains multiple chemical components. Do not ingest and avoid contact with eyes or skin. Wear a lab coat and disposable gloves during handling.
5. For research use only.