

10-180KD Prestained Protein Ladder

Cat. No./Spec.

D1013-A/250 μ l; D1013-B/250 μ l \times 5

Component

Components	D1013-A	D1013-B
10-180KD Prestained Protein Ladder	250 μ l	250 μ l \times 5

Storage

-20°C.

Description

This product contains 10 pre-stained standard proteins with known molecular weights, ranging from 10kDa to 180kDa. The 70kDa band is marked with an orange protein band, and the 10kDa band is marked with a green protein band, while the others are blue. It allows for direct observation of the protein electrophoresis process and a clear assessment of the Western blot transfer effect. Typically, a sample volume of 5 μ l per application is adequate.

Bands (kDa)

10, 15, 25, 35, 40, 55, 70, 100, 130, 180

Usage Method

1. Allow the Marker to dissolve at room temperature or immerse it in a 37-40°C water bath for a few minutes to dissolve it; **avoid high-temperature heating.**
2. Gently vortex to ensure thorough mixing before proceeding with gel electrophoresis.
3. Generally, a sample volume of 5 μ l per application is sufficient; if performing transfer, use 2-5 μ l.

Important Notes

1. This Marker should not be used for active protein electrophoresis to predict the size of protein molecular weights.
2. The covalent binding of protein to the chromophore will affect the protein's migration rate; therefore, the pre-stained protein Marker can only be used for a rough estimation of the target protein's molecular weight size. Each batch of pre-stained protein molecular weight Markers is calibrated relative to the unstained protein molecular weight Markers.
3. This product is more suitable for the Tris-Glycine system and is not recommended for other systems.

Migration Patterns

