

Prestained Color Protein Ladder

Cat. No. PSC1065-1 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Effective Size Range: 10kDa to 180 kDa.

Protein Bands: 10kDa, 15kDa, 20kDa, 25kDa, 30kDa, 40kDa, 50kDa, 72kDa, 100kDa, 130kDa, 180kDa. The 72 kDa band is orange and the 25 kDa band is green.

This product is suitable as a protein molecular weight standard for SDS-PAGE and Western Blot.

Ready-to-use: No need to heat, dilute or add reducing agents before use.

Loading Volumes: 5-10 μ L

Form

62.5 mM Tris-H₃PO₄, pH7.5, 2mM EDTA, 2 % (W/V)SDS, 33 % (W/V) Glycerol, 5mM DTT, 0.02 % (V/V) Proclin300.

Notes

1. In low concentration glue, low molecular weight protein will swim in the leading edge of the dye.
2. Western blot of large molecular weight protein requires extending the transfer time or increasing the transfer voltage. In addition, it is recommended that no SDS be added to the membrane transfer solution. If the experiment must be used, the SDS concentration should not exceed 0.02%-0.04%.
3. The predyed protein has different apparent molecular weight under different buffering systems, and the molecular weight of the protein can be roughly determined if the non-predyed protein is calibrated in advance in the buffering system.

Storage

Store at 4°C for 2 months.

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