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## Product Datasheet

### Prestained Protein Ladder (10-180 kDa) (orb1289375)

**Description**

Prestained Protein Ladder (10-180 kDa)

 kDa Tris-Glycine  
 180-  
 130-

**Tested**

IEP, WB

72-

**Applications**

55-

**Preservatives**

 Liquid in 67 mM Tris-H<sub>3</sub>PO<sub>4</sub>, 5mM EDTA, 2 % SDS, 33 % Glycerol, 0.02 % proclin300, pH 7.5

43-

33-

25-

17-

10-

**Form/Appearance**

 Liquid in 67 mM Tris-H<sub>3</sub>PO<sub>4</sub>, 5mM EDTA, 2 % SDS, 33 % Glycerol, 0.02 % proclin300, pH 7.5

**Storage**

Shipped at 4°C. Store at -20°C for one year.

**Note**

For research use only

**Application notes**

1. Thaw the ladder at room temperature for a few minutes to dissolve precipitated solids. Do not boil! 2. Mix gently, but thoroughly, to ensure the solution is homogeneous. 3. Load the following volumes of the ladder on an SDS-polyacrylamide gel: - 5 µL per well for mini gel, - 10 µL per well for large gel. Use the same volumes for Western blotting. The loading volumes listed above are recommended for gels with a thickness of 0.75-1.0 mm. The loading volume should be doubled for 1.5 mm thick gels. Notes: 1. Prestained proteins can have different mobilities in various SDS-PAGE-buffer systems. However, they are suitable for approximate molecular weight determination when calibrated against unstained standards in the same system. See the table provided for migration patterns in different electrophoresis conditions. In low-percentage gels (100 kDa) proteins.

**Hazard**

Non-Toxic

**Information**
**Expiration Date**

12 months from date of receipt.