

## NeoPRO 10 Prestained Protein Ladder

Cat # NB-59-0002

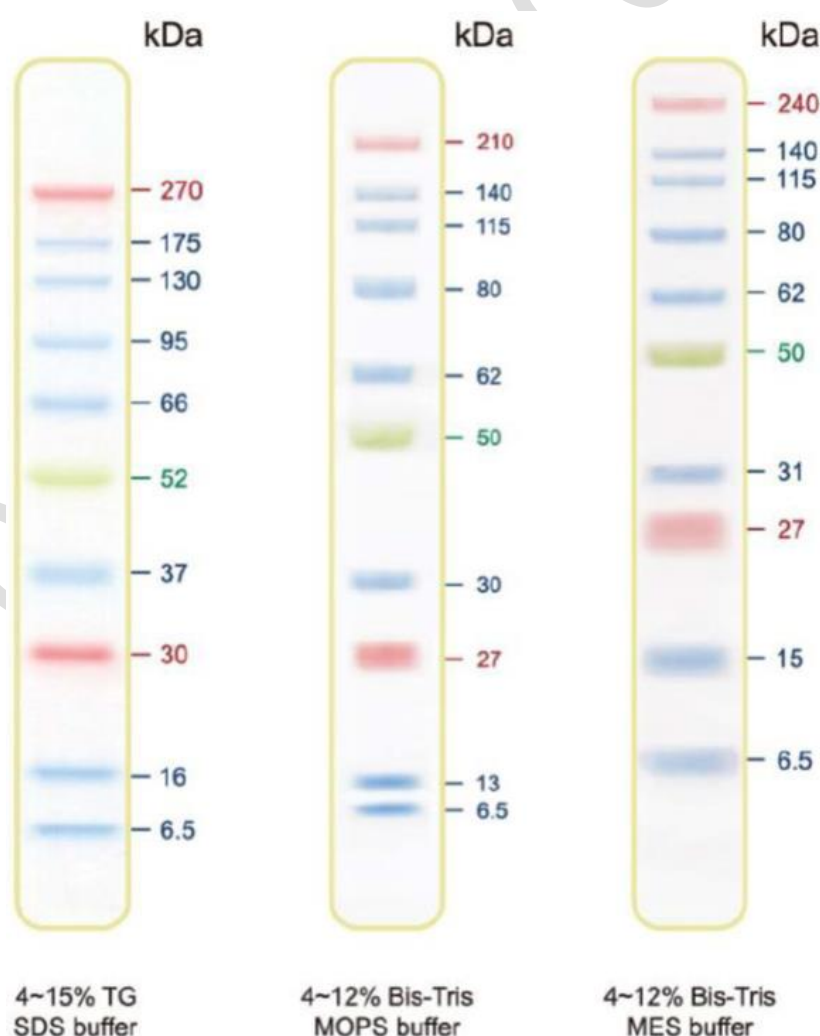
Size: 500 µl

### Description

The NeoPRO 10 Prestained Protein Ladder is a combination of 10 pre-stained proteins with molecular weights from 6.5 to 270 kDa. The 10 recombinant proteins are covalently coupled with blue chromophore, while 2 orange bands at 30 kDa and 270 kDa and a green band at 52 kDa serve as reference bands. The NeoPRO 10 Prestained Protein Ladder keeps track of the size and separation of proteins during SDS-polyacrylamide gel electrophoresis, approximating protein size and validating Western transfer efficiency on PVDF, nylon, or nitrocellulose membranes.

### Guide for Molecular Weight Estimation (kDa)

Migration patterns of NeoPRO 10 Prestained Protein Ladder in different electrophoresis conditions are listed below:



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## Reaction Setup

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3  $\mu$ l or 5  $\mu$ l per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively. 2.5  $\mu$ l per well for general Western transferring.

## Important notes

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The molecular weight of each protein (kDa) was measured against an unstained protein ladder in every electrophoresis condition. Additional data should be considered for a more accurate adjustment.

## Storage

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Stable for up to 2 weeks at 25°C.

Stable for up to 3 months at 4°C.

Stable for up to 24 months at -20°C.

## Storage Buffer

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62.5 mM Tris-H<sub>3</sub>PO<sub>4</sub> (pH 7.5 at 25 °C), 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN<sub>3</sub>, 33% glycerol.

## Features

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- One-Vial-Fits-All: New broad-range protein ladder from 6.5kDa to 270kDa.
- Higher Added Value: Tri-colors and 10 bands with premium quality.
- Better performance for higher molecular weight proteins.
- Clear separation map from 6.5 kDa to 270 kDa in the Tris-Glycine system.
- Enhanced transfer, wash, and stripping durabilities.

## Required materials but not provided

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- Vertical Electrophoresis system
- Power supplies
- Vortex or equivalent
- Microcentrifuge

*For reference only*

***For Research Use Only. Not for Diagnostic or Therapeutic Use.***