



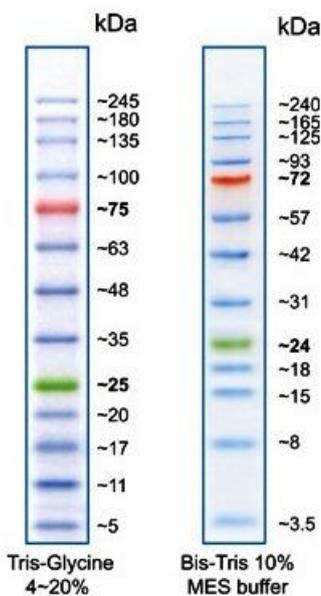
## Protein Marker Extended (13 bands)

### Description/Preparation:

Protein Marker EXTended contains 13 pre-stained proteins that resolve into sharp, tight bands in the range of 3,5-245 kDa. The Protein Ladder allows to monitor molecular weight separation during electrophoresis, estimate molecular weights. The marker is ready-to-use. There is no need to boil. Easy to identify: Proteins are covalently coupled with a blue chromophore except for two reference bands; green band at 25 kDa and red band at 75 kDa.

### Applications

- Monitoring of protein migration during SDS-polyacrylamide gel electrophoresis.
- Monitoring of protein transfer onto membranes during Western blotting.
- Sizing of proteins on SDS-polyacrylamide gels and Western blots.



### Usage:

Mini gel application: 5 µl/well; 2.5 µl per well blots  
 Standard gel application: 10 µl/well; 5 µl per well for blots

**Number of bands: 13** 5, 11, 17, 20, 25, 35, 48, 63, 75, 100, 135, 180, 245 kDa

### Loading:

Loading Denaturing Polyacrylamide gels (SDS-PAGE):

- Thaw marker at room temperature or heat at 37 – 40 °C for a few minutes. Do not boil!
- Vortex gently to ensure the solution is homogeneous and load the ladder on SDS-polyacrylamide gel
- 5 µl per well for mini-gels, 2.5 µl per well for blots
- 10 µl per well for large gels, 5 µl per well for blots

1 ml marker is sufficient for 200 mini gels or 100 standard gels.

It is recommended to divide the marker into aliquots to avoid contamination of the stock solution.

### Note:

Protein Marker PS11 is optimized for runs on 15 % SDS polyacrylamide gels. 4 to 12 % gels may cause proteins with low molecular weights to migrate with the dye front. On 12 to 15 % and gradient gels all bands are visible.

### Quality Control

Tested in SDS-polyacrylamide gel electrophoresis and Western blotting.

**Storage:** at -20°C or at room temperature

**Shipment:** on blue ice

### Ordering information:

Cat.-no	Description	Amount
310010	Protein Marker EXTended (3,5 - 245 kDa)	1 x 500 µl
310011	Protein Marker Extended (3,5 – 245 kDa)	5 x 500 µl

GeneON .. a good decision ..

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Version: 25.10.2009 AS

*.. a good decision ..*