Product Specification

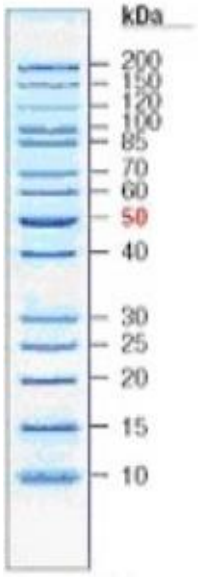
Product Name:	10-200kDa Wide Range Protein Molecular Weight Marker, Unstained
Product Code:	BSM0661
Size:	500μl/vial

Product Description:

10-200kDa Wide Range Protein Molecular Weight Unstained Marker is designed for accurate sizing of proteins in SDS-polyacrylamide gel electrophoresis, as well as western blot on PVDF, nylon and nitrocellulose membranes.

10-200kDa Wide Range Protein Molecular Weight Unstained Marker is a mixture of 14 recombinant, highly purified, unstained proteins ranging in size from 10kDa to 200kDa. Each protein in the ladder contains an integral Strep-tag® II sequence which can be detected directly on Western blots using a Strep-Tactin®-AP* conjugate or an antibody against Strep-tag® II.

Ladder produces sharp bands on SDS-polyacrylamide gel following staining of the gel with Coomassie Brilliant Blue R-250, Silver Staining Kit or by other protein staining methods. Coomassie Blue R-250 can also be used to visualize unstained ladders and markers on PVDF membranes.



16% Tris-glycine SDS-PAGE

Recommended Loading: 5μl/well (mini gel)

Usage: Thaw in room temperature and mix gently before use. Do not boil as this protein ladder is ready-to-use.

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Test Items	Specifications
SDS Electrophoresis analysis	Distinguishable bands

Notes:
1. Linear gradient gels allow for adequate resolution of both small and large proteins. Homogeneous low percentage gels are recommended for analysis of large proteins and high percentage gels for analysis of small proteins. In high percentage gels (14-18%) large proteins (150-200 kDa) may not separate, while in low percentage gels (4-8%) small proteins (15 and 10 kDa) will migrate with the tracking dye.

2. Longer transfer times or higher transfer voltages may be required for Western blotting of large (>100 kDa) proteins.

3. Additional bands observed in the gel image of the protein ladder might be caused by DTT oxidation in the storage buffer. Add freshly prepared DTT solution to a final concentration of 100 mM.

Storage Condition: -20°C

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