

Product datasheet

Prestained Protein Ladder - Mid-range molecular weight (10-175 kDa) ab115832

1 Image

Overview

<b>Product name</b>	Prestained Protein Ladder - Mid-range molecular weight (10-175 kDa)
<b>Tested applications</b>	<b>Suitable for:</b> WB, SDS-PAGE
<b>General notes</b>	<p>Prestained Protein Ladder ab115832 contains 11 proteins that resolve into sharp, tight bands in the range of 10-175 kDa. This protein ladder allows you to monitor molecular weight separation during electrophoresis, estimate molecular weights of proteins of interest, and evaluate western transfer efficiency.</p> <p>This product was previously called Prism Protein Ladder (10-175 kDa).</p> <p>Key product features:</p> <p><b>Broad range:</b> 10-175 kDa</p> <p><b>Ready-to-use:</b> Supplied in a loading buffer for direct loading on gels.</p> <p><b>Easy to identify:</b> Includes the ~10, ~40 and ~90 kDa reference bands coupled with an blue dye.</p> <p><b>Sharp bands</b></p> <p>Review other protein ladders in the <a href="#">unstained and prestained protein ladder guide</a>.</p>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Store at +4°C short term (1-2 weeks). Store at -20°C.
<b>Storage buffer</b>	Constituents: 0.44% Tris citrate/phosphate, 0.02% Urea, 0.01% Beta mercaptoethanol, 2% SDS, 15% Glycerol

Applications

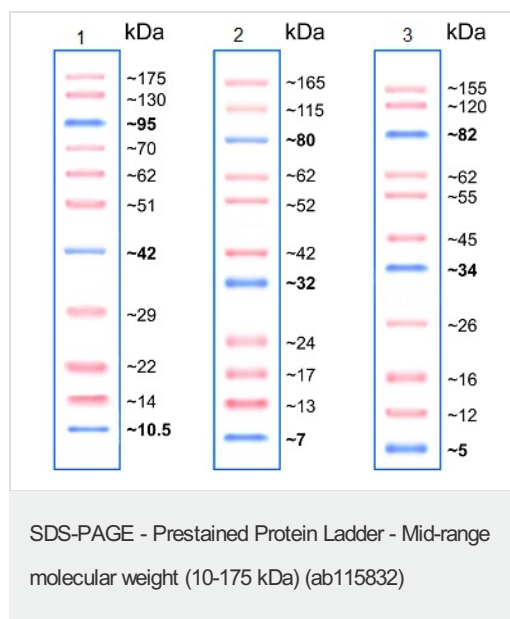
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The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes

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WB		Use at an assay dependent concentration. For monitoring protein transfer onto membranes and sizing of proteins on WB. Recommended loading amounts: 2.5 - 5ul.
SDS-PAGE		Use at an assay dependent concentration. For monitoring protein migration and sizing of proteins on SDS-PAGE. Recommended loading amounts: 5 ul per well for mini-gels and 10 ul for larger gels.

## Images



SDS-PAGE with ab115832. Gel 1: Tris-Glycine 15%, Gel 2: Bis-Tris 4-12% MOPS buffer and Gel 3: Bis-Tris 4-12% MES Buffer. Pre-stained molecular weight standards have a differing mobility and as a consequence varying apparent molecular weight when run in distinct SDS-PAGE buffer systems. The variance in pH of alternative buffers affects the charge of the labelled protein standard and its binding capacity for SDS. The apparent molecular weight of this marker has been determined by calibration against an unstained ladder in each electrophoresis condition.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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