

HyperPAGE Prestained Protein Marker

Protein Marker: ~10kDa to 190kDa

Shipping: On Dry/Blue Ice Catalog Numbers

Exp. Date: See vial BIO-33065: 10-20 lanes

Batch No.: See vial BIO-33066: 50-100 lanes



A Meridian Life Science® Company

Store at -20°C

Storage and Stability:

Lyophilized marker can be stored at -20°C for three years. Once reconstituted with water, store at -20°C for three months. Avoid multiple freeze/thaw cycles.

Quality Control:

Bioline operates under the ISO 9001 Management System.

Safety Precautions:

Harmful if swallowed. Irritating to eyes, respiratory system and skin. Please refer to the material safety data sheet for further information.

Reconstituted: ___/___

Use By: ___/___

See Box Label for Calibrated Molecular Weights

Description

HyperPAGE is a broad range prestained protein marker containing 9 purified recombinant proteins with molecular weights ranging from 10kDa to 190kDa. The proteins are prestained with fluorescent dyes and resolve into 4 blue and 5 pink bands with uniform intensity, for easy visualization and orientation.

HyperPAGE is suitable to monitor the efficiency of electrophoretic migration in SDS-PAGE and the transfer of proteins from gel to membrane in Western blotting without the addition of dye. Prestained protein markers are suitable for determining the approximate molecular weights of proteins.

Product components

Reagent	10-20 lanes	50-100 lanes
HyperPAGE Prestained Protein Marker	100µl	500µl

Usage in Polyacrylamide Gel Electrophoresis

First time use: Add 100µl (BIO-33065) or 500µl (BIO-33066) water to the tube. Warm briefly to 37°C and mix well. Load 10µl per well on a standard polyacrylamide gel and 5µl per well on a mini-gel. Aliquot and store at -20°C.

Subsequent use: Thaw aliquot and use directly.

Important Considerations

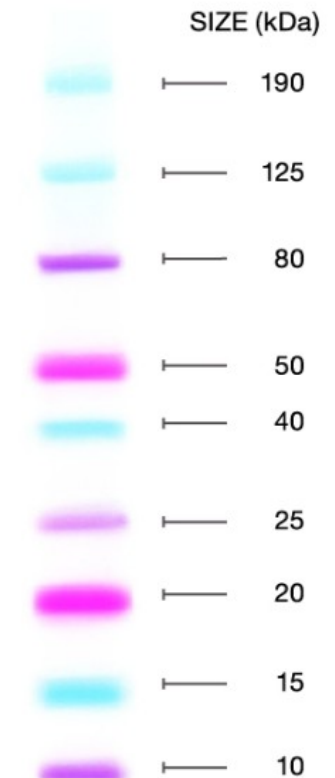
Prestained proteins may display a different mobility in different SDS-PAGE buffer systems. Each buffer system has a slightly different pH which affects the charge of a protein and its binding capacity for SDS. However, they are suitable for approximate molecular weight determination when calibrated against unstained standards in the same system. For accurate sizing, the use of unstained markers is recommended.

Associated Products

Product	Description	Pack Size	Cat No.
HyperPAGE II	Broad range prestained protein marker 10-250kDa (ready-to-load)	25-50 lanes	BIO-33067
BL21 Cells	BL21 Competent Cell Combo Pack	1.5ml (15 x 100µl)	BIO-85035
Ultra-pure Water	Bioline ultra-pure 18.2MΩ PCR Water	10 x 10ml	BIO-37080

Notes

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only



Band sizes are approximate

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