

Product: **FastGene® Unstained Protein Marker**

Cat. No. : MWP07

Category: *Protein Marker*

Description:

The unstained Protein Marker is a mixture of 12 unstained recombinant proteins covering a wide range of molecular weights from 10 to 200 kDa. When separated on the SDS-PAGE gel (MES buffer) you get clearly identifiable bands, with the intensified 25 kDa and 85 kDa bands which serve as two reference bands. The unstained Protein Marker is designed for verifying protein transfer efficiency during Western Blots on membranes (PVDF, nylon or nitrocellulose) and for approximating the size of proteins. The Marker is ready to use and supplied in the gel loading buffer.

Storage Buffer:

20 mM Tris-phosphate (pH 7.5 at 25°C), 2% SDS, 0.2 mM Dithiothreitol, 3.6 M Urea and 15% (v/v) Glycerol.

Storage:

Stable for up to 3 months at 4°C.
For long-term storage, store at -20°C.

Note:

The apparent molecular weight (kDa) of each protein has been determined by calibration against unstained protein standards, supplemental data should be considered for more accurate adjustment in different electrophoresis conditions.

Caution:

Not intended for human or animal diagnostic or therapeutic uses.

Quality control:

Under suggested conditions, the unstained Protein Marker resolves 12 bands in 4-12% Bis-Tris Gel (MES buffer).

Range:

10 to 200 kDa.

Number of bands:

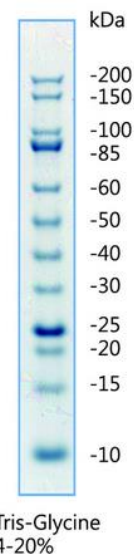
12

Recommended load:

5 µL per well

FOR RESEARCH USE ONLY!

Do not heat, dilute and/or add reducing agent before loading.



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