

Recombinant SDS PAGE Protein Marker 10 – 150 kDa Liquid Mix

Specifications

Proteins

8 recombinant proteins ranging from 10 kDa up to 150 kDa

Protein content

0.1 to 0.2 mg/ml per protein component

Buffer

50 mM Tris HCl,
10 mM DTT, 2 % SDS,
10 % sucrose,
0.1 % bromophenol blue,
pH 6.8

Overall volume

0.5 ml, ready-to-use solution

Shelf life

12 months at -20 °C

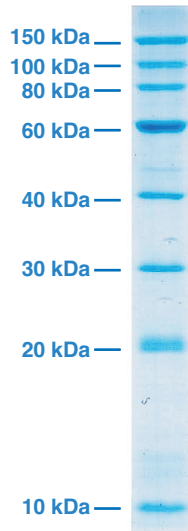
Ordering Information

Cat.-No. 39217.01 500 μ l

- **Recombinant protein markers**
- **For precise molecular weight determination**
- **Ready-to-use solution**
- **Proteins are reduced, acetylated and denatured**
- **Intensified band at 60 kDa for easy orientation**

Product Description

The SERVA Recombinant SDS PAGE Protein Marker 10-150 kDa Liquid Mix (cat.no. 39217) contains eight highly purified recombinant proteins expressed in E. coli which are provided unstained for accurate size determination. The molecular weights are 10, 20, 30, 40, 60, 80, 100 and 150 kDa. All components are delivered in similar amounts of 0.1 to 0.2 mg/ml in the mixture in order to provide bands of comparable intensity. The band at 60 kDa is intensified in order to ensure correct identification of each single band. The marker proteins are reduced, acetylated and denatured, and, therefore, are ready-to-use. Dispensed in Laemmli buffer. The marker proteins are reduced, acetylated and denatured, and, therefore, are ready-to-use.



Handling

Store the marker proteins at -20 °C. Avoid repeated thaw/freeze cycles. If necessary aliquot the marker proteins. Small aliquots may be stored at +4 °C for several days. To dissolve precipitated SDS please warm the marker solution to room temperature before loading. For mini gels use 5 μ l each lane when staining with SERVA Blue G, SERVA Blue R or similar. For silver staining dilute the liquid mix 1:5 using Lamlli buffer and load 5 μ l each lane.

Protein	Source	Size
Recombinant Protein	<i>E. coli</i> (recombinant)	150 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	100 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	80 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	60 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	40 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	30 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	20 kDa
Recombinant Protein	<i>E. coli</i> (recombinant)	10 kDa