

Smart Advanced Broad-Range Protein Standard (Cat. No. M00441)

Size: 250 μ l

Concentration:

Each protein is present at the concentration of 2 μ g/5 μ l. 5 μ l per lane is recommended to load on mini gel.

Description:

GenScript's Smart Advanced Broad-Range Protein Standard is used to accurately estimate the molecular weight of protein samples on SDS-PAGE gel. The standard consists of seven purified recombinant proteins ranging from 30 to 200 kDa (30 kDa, 40 kDa, 60 kDa, 80 kDa, 100 kDa, 150 kDa, 200 kDa), of which six are unstained and one (30 kDa) is pre-stained with blue dye.

The Smart Advanced Broad-Range Protein Standard is supplied in gel loading buffer and can be applied directly to a SDS-PAGE gel. The standard can be visualized with Coomassie blue or silver staining. The band of 100kDa is double intensified to serve as reference.

Storage:

The standard can be stored at -20°C for 12 months.

It is recommended to aliquot the standard into small volume.

Storage buffer:

100 mM Tris-HCl (pH 6.8), 5 mM EDTA, 10 mM DTT, 10% glycerol, 1% SDS, 0.01% phenol red.

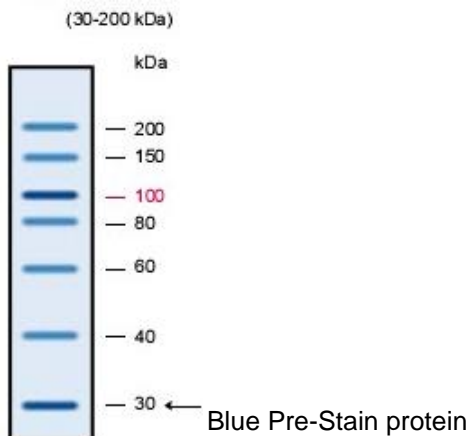
Note:

It is not necessary to boil the standard before use.

Mix the standard well before use.

Example:

5 μ l of Smart Advanced Broad-Range Protein Standard is electrophoresized on 8% SDS-PAGE with 200 V for 50 min, and then stained with Coomassie blue dye R-250. The result is shown below:



VIII. ORDERING INFORMATION

Smart Advanced Broad-Range Protein Standard (250ul): M00441

For Research Use Only.

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