

Smart His-tagged Protein Standard (Cat. No.: MM0904)

Size: Sufficient for 50~100 mini-gel lanes

Reconstitution: Add 250 μ l of 1x reconstitution buffer, 2.5 μ l of the solution is recommended for each lane of a mini-gel.

Description: The Smart His-tagged Protein Standard is a lyophilized mixture of six highly purified recombinant proteins ranging in size from 15 to 115 kDa containing a terminal 6xHis tag. It yields six clear bands of similar intensity on western blots, thus can be used for precise MW determination of proteins on western blot membranes.

Concentration: About 7.5 μ g of each protein in 60 mM Tris-HCl (pH 6.8 at 25°C), 0.4% (w/v) SDS, 10 mM DTT, 0.01% (w/v) bromophenol blue and 2% sucrose.

Storage: Store at -20°C or below. After reconstitution, aliquot and store at -20°C or below.

Example: The molecular weights of the Smart His-tagged Protein Standard are shown to the right. When reconstituted with 250 μ l of reconstitution buffer, 2.5 μ l/lane corresponds to 75 ng/band.

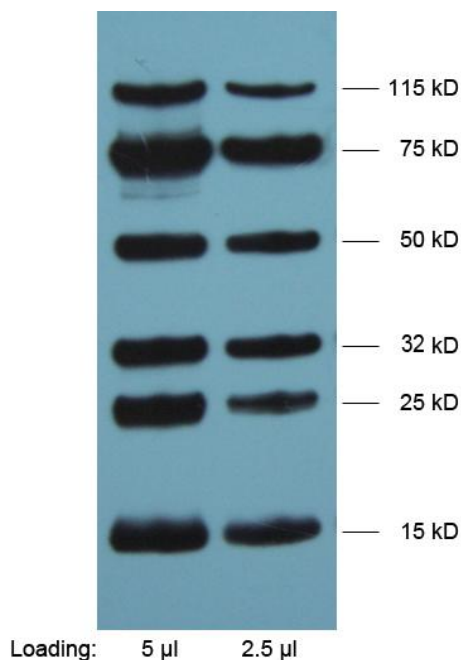


Fig.1. Western blot result of Smart His-tagged Protein Standard detected with Mouse Anti His-tag (GenScript, A00088) and Goat Anti Mouse IgG (H&L) [HRP] (GenScript, A00160) (4~25% Tris-glycine gradient gel, PVDF membrane, chemiluminescence assay)