

## ECOLOR® Prestained Protein Marker

25 µL / 500 µL

**Reference OZYC005-25 / OZYC005-500**

**SIZE** : 25 µL / 500 µL

**STORAGE** : Stable for up to 2 weeks at 25 °C or up to 3 months at 4°C. Store at -20°C for long term storage.

**SHELF-LIFE** : 30 months

### Product Description

The **ECOLOR® Prestained Protein Marker** includes 10 prestained proteins of 3 colors. It covers a large range of molecular weights from 6.5 kDa to 270 kDa. When running on Tris-Glycine buffered SDS-PAGE, seven out of ten proteins in **ECOLOR®** display **blue** bands since they are covalently labeled with a blue chromophore, the other three proteins show two **orange** bands (30 kDa and 270 kDa) and one **green** band (52 kDa). The **ECOLOR® Prestained Protein Marker** is ideal for protein separation monitored on SDS-PAGE as it allows to verify the efficiency of Western transfer to any membrane (e.g. PVDF, nitrocellulose or nylon) as well as to estimate the proteins sizes. The **ECOLOR® Prestained Protein Marker** is ready-to-use and includes the gel loading buffer.

### Instruction for use

- ✓ 3 µL or 5 µL per loading for clear visualization during electrophoresis on 15-well or 10-well mini-gel, respectively
- ✓ 2.5 µL per well for general Western transferring.

### Storage Buffer

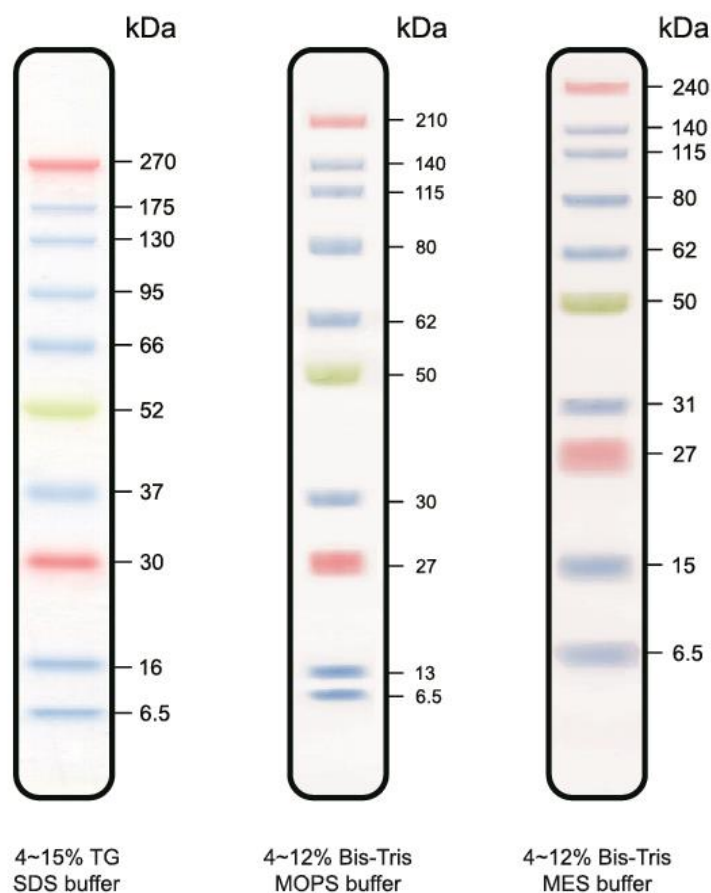
62.5 mM Tris-H<sub>3</sub>PO<sub>4</sub> (pH 7.5 at 25 °C), 1 mM EDTA, 2% SDS, 10 mM DTT, 1 mM NaN<sub>3</sub>, 33% glycerol.

### Quality Control

Under suggested conditions, **ECOLOR® Prestained Protein Marker** resolves 10 major bands in 4 - 12% Bis-Tris Gel (MES buffer) and after Western blotting to the nitrocellulose membrane.

## Guide for Molecular Weight Estimation\* (kDa)

Migration patterns of **ECOLOR**<sup>®</sup> Prestained Protein Marker in different electrophoresis conditions are showed below:



\*5  $\mu$ L of **ECOLOR**<sup>®</sup> Prestained Protein Marker per lane

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.

### Ordering Information

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### Document version

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### PRODUCT FOR RESEARCH USE ONLY