

Product Number

**928-40000**

Quantity: 500 µl

Storage: -20°C

Revised: October 2010

Updates available at:  
<http://biosupport.licor.com>

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## Odyssey® Protein Molecular Weight Marker

Odyssey Protein Molecular Weight Markers are designed to provide a ladder of convenient, consistent sizes. Easy to use, they provide instant orientation and accuracy, particularly in the 10-25 kD range. All standards contain three reference bands (the 25, 50, and 75 kD bands are three times as intense as the other bands).

### Product Description

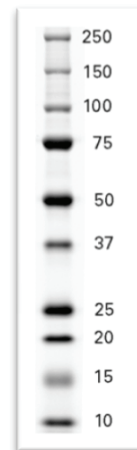
The molecular weight markers are confirmed by migration in a Laemmli SDS-PAGE system.

### Specifications

Odyssey Protein Molecular Weight Markers contain ten protein bands of 10, 15, 20, 25, 37, 50, 75, 100, 150, and 250 kD, with molecular weight shifts of 5% and minimal band broadening. Markers are shipped at room temperature; upon arrival, store at -20°C.

<b>Catalog #</b>	928-40000
<b>Volume</b>	500 µl
<b>Loading buffer</b>	30% (w/v) glycerol, 2% SDS, 62.5 mM Tris, pH 6.8, 50 mM DTT, 5 mM EDTA, 0.02% NaN <sub>3</sub>
<b>Shelf life</b>	1 year at -20°C*

\* If the product has been stored as directed for one year, its shelf life may be extended by adding dithiothreitol (DTT) to approximately 50 mM.



### Instructions

Odyssey Protein Molecular Weight Markers, all blue, are provided in loading buffer, ready to load, with no dilution required. Allow the tube to reach room temperature and thoroughly mix before use to dissolve any solids that may have precipitated at -20°C.

Do not heat above room temperature. Recommended loading volumes:

Load Volume	PAGE Application
1-3 µl	Mini gels
1-3 µl	Blotting, to monitor transfer (mini gel)
3-5 µl	Large gels

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