



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Biotin (Long Arm) Maleimide

Cat. No. SP-1501

Storage Store at -20 °C to -80 °C in the dark.

5' EndTag™ or 3' EndTag™ labeling of nucleic acids

Dissolve Biotin (Long Arm) Maleimide in 312 µl of anhydrous dimethyl formamide (DMF) and store at -20 °C to -80 °C in the dark.

Follow the labeling procedure included with the 5' EndTag or 3' EndTag systems.

Protein labeling procedure

1. Dissolve the protein to be labeled in 100 mM phosphate buffer, pH 7.0 at a concentration of 5 mg/ml.
2. Dissolve a slight excess of the amount needed of Biotin (Long Arm) Maleimide in dimethyl formamide (DMF) at a concentration of 20 mg/ml.
3. Add 25 µl Biotin (Long Arm) Maleimide per ml of protein solution.
4. Incubate at room temperature for 3 hours with occasional stirring.
5. Separate the unreacted material from the protein by gel filtration or dialysis.

References

¹Deziel, M.R. and Mau, M.M. 1990. Biotin-conjugated reagents as site-specific probes of membrane protein structure: application to the study of the human erythrocyte hexose transporter. *Anal. Biochem.* 190:297-303

Selected reagents for the detection of the biotin label

Streptavidin, Alkaline Phosphatase	SA-5100	1 ml
Anti-Biotin Mouse Monoclonal	MB-9100	1 ml
Goat Anti-Biotin, Unconjugated	SP-3000	1 mg
Goat Anti-Biotin, Peroxidase	SP-3010	1 mg
Streptavidin, Peroxidase	SA-5004	1 mg
VECTASTAIN® ABC Kit (Standard)	PK-6100	1 kit