

Direct translocation of proteins into living cells

BioPORTER® protein delivery reagent from **AMSBIO** is proven to efficiently transport functionally active proteins directly into living cells eliminating the traditional DNA transfection, transcription, and protein translation process.

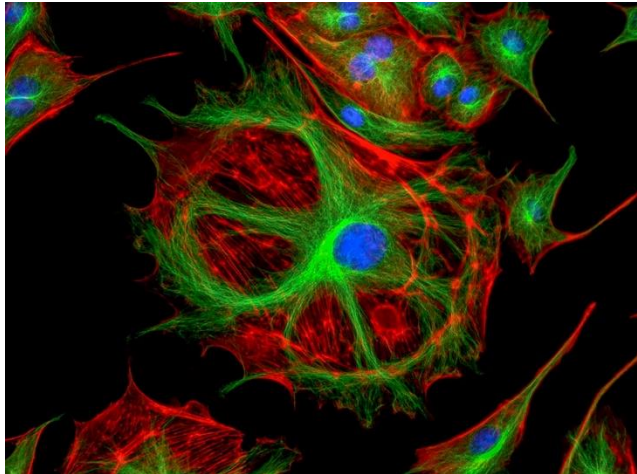


Image captions: A: Efficient direct translocation of proteins into living cells using BioPORTER® protein delivery reagent (courtesy: AMSBIO) ; B: Primary rat monocytes were loaded with NGF using BioPorter®. NGF (FITC) and Nuclei (DAPI). (courtesy; Böttger et al).

Employing

a unique lipid-based protein delivery system – BioPORTER® makes studying protein functionality faster and easier than ever before. Comprising a proprietary cationic lipid mixture that interacts non-covalently with the protein, BioPORTER® creates a protective vehicle for immediate protein delivery directly into the cell cytoplasm.

BioPORTER®

has been demonstrated to be highly effective in delivering a diverse array of proteins, peptides, and other macromolecules into the cytoplasm of many different cells, retaining the structure of the proteins whilst leaving the transduced cells unharmed. The BioPORTER® Reagent is especially useful when studying protein function in cells that are difficult to transfect using traditional DNA transfection reagents, such as human dendritic cells.

Available either

as a bulk reagent or convenient single-use QuikEase™ vials – BioPORTER® is extremely easy to use. For maximum speed and convenience, AMSBIO offers the BioPORTER QuikEase™ Kit. Each QuikEase kit contains 96 single reaction size vials that are pre-coated with BioPORTER® reagent. You can either separate each vial for single use or use the entire pack for high-throughput experiments. The BioPORTER QuikEase kit saves hours of time by eliminating the need to coat the BioPORTER® Reagent onto individual vials.

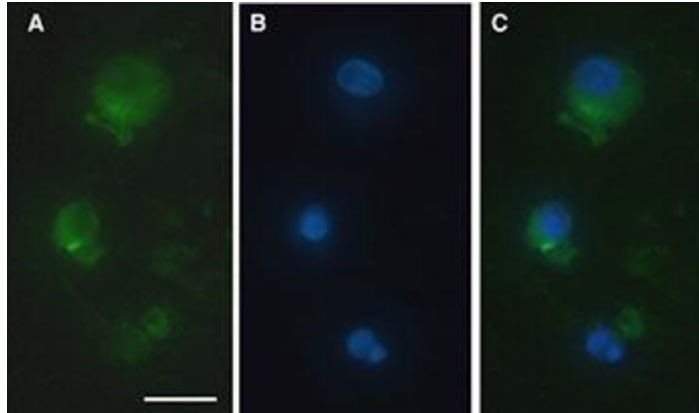


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To learn more about how BioPORTER®

has been used in immune cell driven drug delivery for treating neurodegenerative disorders please read our blog post at <https://www.amsbio.com/news/breaking-barriers-in-neurodegenerative-disease>.

For further on the BioPORTER® protein

delivery reagent please visit <https://www.amsbio.com/cells-cell-culture-transfection-reagents/bioporter-protein-delivery-reagent> or contact AMSBIO on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / info@amsbio.com.

AMS Biotechnology (AMSBIO)

Founded in 1987, AMS Biotechnology (AMSBIO) is recognized today as a leading transatlantic company contributing to the acceleration of discovery through the provision of cutting-edge life science technology, products, and services for R&D in the medical, nutrition, cosmetics, and energy industries. AMSBIO has in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion, and proliferation. This expertise in cell culture and the ECM allows AMSBIO to partner with clients in tailoring cell systems to enhance organoid and spheroid screening outcomes using a variety of 3D culture systems, including organ-on-a-chip microfluidics. For drug discovery research, AMSBIO offers assays, recombinant proteins, and cell lines. Drawing upon a huge and comprehensive biorepository, AMSBIO is widely recognized as a leading provider of high-quality tissue specimens (including custom procurement) from both human and animal tissues. The company provides unique clinical grade products for stem cells and cell therapy applications. This includes GMP cryopreservation technology, and high-quality solutions for viral delivery.

Worldwide HQ

AMS Biotechnology (AMSBIO)

184 Milton Park
Abingdon
Oxon OX14 4SE
UK

Tel: +44-1235-828200

Fax: +44-1235-820482

Email: info@amsbio.com

Web www.amsbio.com