Protein delivery with all of the right tools

One-stop shopping for your transfection experiment supplies

Optimize your transfection efficiency and save time by pairing all of the supplies needed for use with our protein delivery transfection protocols. Find your protocol at **thermofisher.com/crisprmax**.

Invitrogen™ Lipofectamine™ CRISPRMAX™ Cas9 Transfection Reagent provides a specialized transfection reagent for RNP/Cas9 protein payload delivery that is especially efficient when working together with the Invitrogen™ TrueCut™ Cas9 Protein v2 and Invitrogen™ TrueGuide™ Synthetic Guide RNAs (gRNAs). As a reagent that is high-throughput friendly, it is a perfect solution for those looking for an automation solution and a lower-cost alternative to electroporation.

Invitrogen™ TrueCut™ Cas9 Protein v2 provides extensive benefits over CRISPR plasmids for the following reasons:

- CRISPR plasmids remain in the cell for more than 72 hr, contributing to potential off-target events
- Transfection of Cas9 protein and gRNA bypasses transcription and translation, helping to greatly increase editing efficiencies
- Award-winning TrueCut Cas9 Protein v2 is cleared from the cell within 24 hr, minimizing the chance for off-target cleavage events

Invitrogen™ TrueGuide™ Synthetic gRNAs are ready-to-transfect synthetic gRNAs designed and validated to work with the Invitrogen™ suite of genome editing tools. These predesigned gRNAs offer:

- Maximum knockout efficiency without compromising specificity and cell viability
- Simple custom ordering
- Adherence to the rigorous quality standards that you expect and rely on from Invitrogen products

Gibco™ Opti-MEM™ I Reduced Serum Medium is a modification of Eagle's minimum essential medium (MEM), recommended for dilution of nucleic acids and transfection reagents prior to complex formation. Most cells grown in serum-supplemented media can be transferred to Opti-MEM medium with a minimum of 50% reduction in serum, without the need to remove complexes or change/add medium after transfection.

Thermo Scientific™ Nunc™ cell-culture treated plastics with Nunclon™ Delta surface endure rigorous testing with Gibco™ media to help ensure consistent cell growth across multiple cell lines. It's a proven combination for happy cells and even happier scientists.

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Ordering information

Product	Size	Cat. No.
Invitrogen CRISPRMAX Cas9 Transfection Reagent	1.5 mL	LMRNA015
Invitrogen TrueCut Cas9 Protein v2	10 µg	A36496
	25 µg	A36497
	100 µg	A36498
	500 µg	A36499
Invitrogen TrueGuide Synthetic gRNA	Use the online ordering tool at **thermofisher.com/trueguidegrna**	
Gibco Opti-MEM I Reduced Serum Medium	100 mL	31985062
	500 mL	31985070
Thermo Scientific Nunc 6-Well Cell-Culture Treated Multidishes, Nunclon Delta Surface	Case of 75	140675
Thermo Scientific Nunc 24-Well Cell-Culture Treated Multidishes, Nunclon Delta Surface	Case of 75	142475
Thermo Scientific Nunc 96-Well Microplate, Nunclon Delta Surface	Case of 50	167008
Thermo Scientific Nunc Edge 2.0 96-Well Plates, Nunclon Delta Surface	Case of 50	167425

Find out more about cell CRISPR delivery and genome editing at **thermofisher.com/crisprtransfection**

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