

CRISPR Genome Editing Solutions

VectorBuilder offers a comprehensive collection of CRISPR products and services to provide you with the ideal tools for in vitro and in vivo genome editing experiments. Our CRISPR offerings range from off-the-shelf reagents that are ready for transfection or transduction to custom-made CRISPR vectors with high targeting efficiency and available in multiple delivery formats including plasmid, virus, and RNA.

Highlights

- Highly intuitive online vector design platform with whole-genome gRNA database implemented for easy and quick CRISPR design
- CRISPR components available in a variety of delivery formats (i.e. CRISPR/Cas9 plasmid, CRISPR/Cas9 virus, Cas9 mRNA + gRNA, Cas9-gRNA RNP complex)
- Versatile CRISPR library construction options
- Robust quality, fast turnaround, and competitive pricing
- Powerful technical support for experimental design, data analysis, and troubleshooting

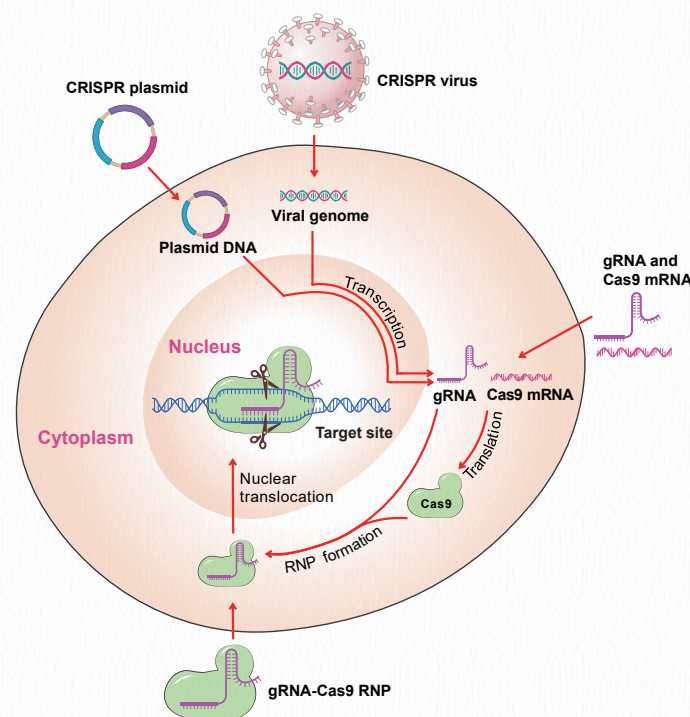

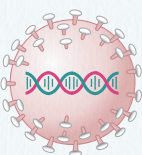
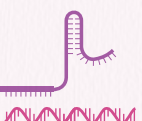
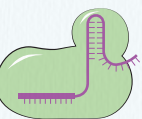


Figure 1. Approaches for delivering CRISPR components into target cells.

CRISPR Offerings



 <p>CRISPR Plasmids Products</p>	<ul style="list-style-type: none"> • Available in various viral and non-viral backbones including regular plasmid, lentivirus, AAV, adenovirus, and piggyBac. • All-in-one and dual vectors for gRNA-Cas9 expression. • Gene targeting donor vectors for HDR applications. • Vectors for CRISPRa and CRISPRi applications. • Premade Cas9 vectors, control gRNA vectors, and helper vectors for CRISPRa and CRISPRi. <p>Price - Starts from \$149 Turnaround - 2-5 weeks depending on complexity of vector design.</p>
 <p>CRISPR Virus Products</p>	<ul style="list-style-type: none"> • High-titer, ready-to-use lentivirus, AAV or adenovirus for all-in-one and dual CRISPR vectors. • Ideal for difficult-to-transfect cells. • Availability of various scales, suitable for in vitro or in vivo applications. • Premade, pooled, lentiviral whole-genome dual gRNA CRISPR libraries for human and mouse. • Custom pooled viral library construction available. <p>Price - Starts from \$449 Turnaround - 2-5 weeks depending on virus type and scale.</p>
 <p>gRNA & Cas9 mRNA Products</p>	<ul style="list-style-type: none"> • Transfection-ready and microinjection-ready Cas9 mRNA and gRNA against user-selected target sites. • Optimal gRNA designs with high targeting efficiency. • Cas9 mRNA available for both wildtype hCas9 nuclease and D10A Cas9 nickase. <p>Price - \$449 for both Cas9 mRNA and custom gRNA* Turnaround - 2-4 days.</p> <p>*Cloning of gRNA into in vitro transcription vector has an additional \$149 charge and 5-10 days turnaround</p>
 <p>Cas9 Protein Products</p>	<ul style="list-style-type: none"> • Purified protein available for both wildtype SpCas9 and D10A Cas9 nickase. • Custom protein production services available for other Cas9 proteins*. <p>Price - \$599 Turnaround - 5-7 days.</p> <p>*Different prices and turnarounds may apply for Cas9 proteins other than wildtype SpCas9 or Cas9 nickase</p>