



FOR IMMEDIATE RELEASE

OriGene Launches Genome-wide Gene-knockout Kits Using CRISPR Platform

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OriGene Technologies (Rockville, MD), the industry's largest supplier of gene-centric research tools, launches a new product line of gene-knockout kits using CRISPR technologies. The new products provide a complete solution for researchers to knock out a human gene at the chromosomal level. This genome wide offering provides an unprecedented convenience for genome editing using the CRISPR technology.

OriGene has always been focused on providing state-of-art reagents of highest quality. Its comprehensive offering of expression cDNA clones, shRNA/siRNA, recombinant proteins and antibodies are widely utilized in the biomedical research community world-wide and are cited in thousands of publications.

"CRISPR is a revolutionary tool for biomedical scientists. Our dream of a pair of simple accurate molecular scissor is now a reality. As the world's largest supplier of molecular tools, OriGene is excited to be in the middle of this technology boom. Launching genome-wide knock-out kits is only the very first step for OriGene to help harness the power of the CRISPR technology." said Dr. Wei-Wu He, CEO and Chairman of OriGene.

"An established leader in the molecular biology market, especially utilizing its US-based gene-synthesis capacity, OriGene is in a perfect position to provide genome wide CRISPR tools to the research community." Remarked Dr. Youmin Shu, SVP of Molecular Biology. *"We provide a kit against every human gene locus, containing 2 gRNAs and a compatible donor vector with a functional cassette. In addition to gene knockout, this kit can also be used for promoter strength study for each gene locus. The pre-designed nature of the kit greatly reduces the researcher's time and effort using this great platform."*

Additional information about OriGene Technologies and CRISPR product line is available at www.origene.com/CRISPR-CAS9/.

About OriGene Technologies:

OriGene Technologies, Inc., is a gene centric life sciences company dedicated to support academic, pharmaceutical and biotech companies in their research of gene functions and drug discovery. OriGene's novel product line includes the world's largest cDNA and shRNA clone collections, over 10,000 purified human proteins from mammalian cells, high quality monoclonal antibodies (TrueMAB™) against full-length proteins for native epitopes, 100,000 highly validated human tissues, and protein microarray products and services. For more information, visit www.origene.com.

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