

Custom CRISPR Gene Deletion & miRNA/lncRNA Knockout Service

**Please open this form with Adobe Acrobat, Adobe Professional, FoxIt or some other alternatives in order for the save function to be available. Adobe Reader does not support the save function.*

***Please complete this form and email to quotes@abmgood.com*

Customer Information

Name:

Customer ID:

Phone Number:

Shipping/Billing Address:

Organization:

Cell Line Selection

***Please select from Option 1, 2, or 3*

Option 1: Select from one of our Cas9-expressing cell lines:

HEK293

HEK293T

A549

HeLa

MDCK

A375

HepG2

HT1080

U87MG

Option 2: Select from one of our [Immortalized Cell Lines](#) (additional charges will apply): ABM Cat. No:

Option 3: Provide your own cell line: Name/species of cell line you will provide:

Cell Line Properties - Please complete if option 3 is selected

Passage Number:

Doubling Time:

Culture Protocol Required for Cell Growth: Base Medium:

Additional Components Required:

Do you need ABM to follow any special cell culture routine? Yes, see below. No

If yes, please provide detailed protocol, instructions, or culturing requirements:

Are the cells prone to irreversible differentiation or morphological changes? Yes, see below. No Not Sure

If yes, how to avoid unwanted change(s):

Cell Line Properties Continued:

Growth condition of the host cell line: Adherent Suspension Both

Does the cell line express antibiotic resistance marker? Yes, it is resistant to: No

Plating Efficiency:

Can the cell line form single cell clones? Yes No Not Sure

Are the cells tolerant to single cell dilution? Yes No Not Sure

Will serial dilution affect cell growth rate? Yes No Not Sure

Is the cell line easy or difficult to transduce? Easy Difficult Not Sure

Is the cell line easy or difficult to transfect? Easy Difficult Not Sure

Give details of transfection method/reagents used (if applicable):

Target Locus Information:

1. Custom Knockout of miRNA or lncRNA: Yes No

Name of locus to be edited:

NCBI Accession Number:

Genomic coordinates to be knocked out*:

***Please attach a document highlighting the desired sequence to be deleted as well as ~1 kb sequence up and downstream of deletion region*

Target locus copy number of host cell line: One Allele Two Alleles Multiple Alleles (Indicate Number): Not Sure

Is the target locus essential to cell survival? Yes, see below No Not Sure

If yes, how to rescue the clones:

Does knockout of the target locus affect cell growth? Yes, see below No Not Sure

If yes, please specify:

2. Custom Knockout of Specific Genomic Sequence: Yes No

Name of locus to be edited:

NCBI Accession Number:

Genomic coordinates to be knocked out*:

***Please attach a document highlighting the desired sequence to be deleted as well as ~1 kb sequence up and downstream of deletion region*

Target locus copy number of host cell line: One Allele Two Alleles Multiple Alleles (Indicate Number): Not Sure

Is the target locus essential to cell survival? Yes, see below No Not Sure

If yes, how to rescue the clones:

Does knockout of the target locus affect cell growth? Yes, see below No Not Sure

If yes, please specify:

Target Locus Editing:

****By default, sgRNA and Cas9 will be stably integrated into the host cell genome. Transient or inducible expression can be accommodated, and will incur additional charges.**

Is stable integration of sgRNA suitable? Yes No, I would prefer transient

Is stable integration of Cas9 suitable? Yes No, I would prefer transient No, I would prefer inducible

Deliverables:

****Unless any Add-On Service(s) is specified, only the following two deliverables will be provided by default.**

- 1.) Sequence verified knockouts (at least 1 clone, 2 vials per clone).
- 2.) Microbial/sterility tested with a service report.

Add-On Services:

****Are any of the following [add-on services](#) desired? Note that all are optional and will incur additional charges.**

WT Control Cell Line Expressing Cas9 for Comparison

Additional Vials of Delivered Clones (Please indicate number):

Additional Clones (Please indicate number):

Validation Service by Western Blot (Up to 10 Clones)

Off-Target Analysis by Whole Genome Sequencing

Additional rounds of selection and screening by Sanger Sequencing

STR Profiling of WT and Knock-Out

None

Additional Comments
(optional):