

QUOTE

521 Cottonwood Drive, Suite 111
Milpitas, CA, 95035, USA
xxxxxxxxxxxxxxxxxxxxxxxxxxxx
www.appliedstemcell.com

Date 2016-07-22
Quote # 100000462
Valid Until 2016-08-22
Contact xxxxxxxxxxxx
Tel xxxxxxxxxxxx
Email xxxxxxxxxxxx

To make a point mutation in HAP1 cell line (haploid) with CDK11A knockout.

1. Gene of interest: CDK11B
2. Mutation site: see attachment
3. Final deliverable:
 - 1) At least one homozygous clone with correct gene mutation for the modified line, two vials of each clone, 5 x 10⁵ cells/vial.
 - 2) Milestone update/report, and a final report with detailed description of each procedure, including targeting vector design, construction and validation, transfection condition, genotyping strategy and results.

Name xxxxxxxxxxxx
Address CEITEC-Masaryk University
Brno
Country Czech Republic
Tel
Email xxxxxxxxxxxxxxxxxxxxxxxx

Catalog #	Description	Timeline	Unit Price	Quantity	Sub Total	Milestone Payment
30.0% non-refundable set-up fee for experimental design and material preparation						\$3,009.00
ASC-6012-3a	Cell Line Validation 1) Cell recovery, culturing and expansion 2) Mycoplasma 3) Drug kill curve evaluation 4) Sequencing targeted region 5) Transfection condition optimization 6) Single cell clonability evaluation (waived for using HAP cells)	2-4 weeks	\$1,800.00	1	\$1,800.00	\$1,071.00
ASC-6012-3b	CRISPR Vector Construction 1) gRNA design and construction, off target analysis and SNP check, gRNA cloning (2-4 gRNAs) including off-target analysis. 2) Cas9 plasmid preparation and validation	2-3 weeks	\$1,500.00	1	\$1,500.00	\$892.50
ASC-6012-3c	Reagent Validation and Donor DNA Construction 1) Reagent validation 2) Donor DNA (ssODN) design and construction	2-4 weeks	\$1,500.00	1	\$1,500.00	\$892.50
ASC-6012-3d	Transfection of Targeting Vectors 1) Cell transfection / electroporation 2) Drug selection 3) NHEJ in pooled, transfected cells 4) Cell cloning and expansion	2-4 weeks	\$3,500.00	1	\$3,500.00	\$2,082.50
ASC-6012-3e	Cell Confirmation and Expansion 1) Genetic screening by PCR and sequencing up to 100 clones will be screened 2) Positive clone expansion and confirmation by PCR and sequencing 3) Cell Cryopreservation	4-6 weeks	\$3,500.00	1	\$3,500.00	\$2,082.50
15.0% Discount for returning customer special order					-\$1,770.00	
Total (USD)					\$10,030.00	\$10,030.00

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Terms

1. 30% non-refundable experimental design and material preparation.
2. Milestone invoice will be send upon completion of each procedure listed above, minus the 30% upfront.
3. 30-day net. Price listed above is subject to California sales tax if applicable.
4. If client terminates the project or changes service options prior to project completion, client agrees to pay for any milestone already done and in progress at the time of cancellation.
5. If projects are terminated due to technical difficulties agreed by ASC and client, client will pay milestones that have been done.
6. Shipping cost is not included and will be calculated upon shipment.

Guarantee:

Applied StemCell, Inc. will deliver at least one clone each modified line, two (2) vials of each clone (>2x10⁵ viable cells/vial). In the unlikely event that ASC is unable to achieve the required KI clones, the customer has the option to stop the project and pay for only the upfront 30%, plus cost of the making of intermediate materials such as DNA constructs, gRNA, and etc., if the customer chooses to receive these materials.

For signing this quote, client agrees to the terms in this quote and initiating projects upon signing.

Sign by:

Name:

Date: