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30-28596737

Thank you for your order

INSTRUCTIONS: Please print this form and include a copy with any submitted samples. For NGS orders, also include the Sample Submission Excel sheet. For Regulatory orders, also include the Sample Registration Excel sheet.

Ship Samples to (if applicable)	Customer Information		Payment Details		Customer Shipping Address
GENEWIZ, LLC	Name	Korey Kam	Payment Type	PO	Korey Kam
Attn: Project Management	Phone	+1-2122415524	PO Number	SM059631B	Mount Sinai School of Medicine
115 Corporate Boulevard	PI	Korey Kam	Submitted Time	12/13/2017 3:38 PM	101St.between Madison Ave&5th
South Plainfield, NJ 07080	Company	Mount Sinai Medical	Account Manager	PevznerDavid	Ave ANBG 22 44
USA		Center			New York New York 10029
877-GENEWIZ	Email	korey.kam@mssm.edu			United States
					+1-2122415524

Order Summary

Order type	Gene Synthesis
Service Priority	PriorityGENE
Service Type	PriorityGENE

***Comments: custom vector will be provided as bacteria stab culture. Upon receipt of starting material, a mini-prep is needed to generate the destination vector for cloning.

TauP301L-2A-eGFP

Sequence Information

Sequence Name:	TauP301L-2A-eGFP
Sequence Type:	DNA
5' Restriction Enzyme:	NheI
5' Flanking:	
3' Flanking:	
3' Restriction Enzyme:	AscI

Optimization Information

Optimization Required:	No

Cloning Information

Vector Name:	pAAV-EF1a-double floxed-hChR2
Vector Size:	7256
Antibiotic:	Ampicillin
My Vector is at GENEWIZ:	No

Preparation Information

DNA Preparation Scale:	Maxi Scale
Endotoxin Free:	No

Original
Sequence:
ATGGCTGAGCCCCGCCAGGAGTTCGAAGTGATGGAAGATCACGCTGGGACGTACGGGTTGGGGGACAGGAAAGATCAGGGGGGCTACACCATGCACCAAGAC
CAAGAGGGTGACACGGACGCTGGCCTGAAAGCTGAAGAAGCAGGCATTGGAGACACCCCCAGCCTGGAAGACGAAGCTGCTGGTCACGTGACCCAAGCTCGC
ATGGTCAGTAAAAGCAAAGACGGGACTGGAAGCGATGACAAAAAAGCCAAGGGGGCTGATGGTAAAACGAAGATCGCCACACCGCGGGGAGCAGCCCCTCCA
GGCCAGAAGGGCCAGGCCAACGCCACCAGGATTCCAGCAAAAACCCCGCCCGCTCCAAAGACACCACCCAGCTCTGGTGAACCTCCAAAATCAGGGGATCGC
AGCGGCTACAGCAGCCCCCGGCTCCCCAGGCACTCCCGGCAGCCGCTCCCGCACCCCGTCCCTTCCAACCCCACCCACCCGGGAGCCCAAGAAGGTGGCAGTG
GTCCGTACTCCACCCAAGTCGCCGTCTTCCGCCAAGAGCCGCCTGCAGACAGCCCCCGTGCCCATGCCAGACCTGAAGAATGTCAAGTCCAAGATCGGCTCC
ACTGAGAACCTGAAGCACCAGCCGGGAGGCGGGAAGGTGCAGATAATTAATAAGAAGCTGGATCTTAGCAACGTCCAGTCCAAGTGTGGCTCAAAGGATAAT
ATCAAACACGTCCTGGGAGGCGGCAGTGTGCAAATAGTCTACAAACCAGTTGACCTGAGCAAGGTGACCTCCAAGTGTGGCTCATTAGGCAACATCCATCAT
AAACCAGGAGGTGGCCAGGTGGAAGTAAAATCTGAGAAGCTTGACTTCAAGGACAGAGTCCAGTCGAAGATTGGGTCCCTGGACAATATCACCCACGTCCCT
GGCGGAGGAAATAAAAAGATTGAAACCCACAAGCTGACCTTCCGCGAGAACGCCAAAGCCAAGACAGACCACGGGGCGGAGATCGTGTACAAGTCGCCCAGTG
GTGTCTGGGGACACGTCTCCACGGCATCTCAGCAATGTCTCCTCCACCGGCAGCATCGACATGGTAGACTCGCCCCAGCTCGCCACGCTAGCTGACGAGGTG
TCTGCCTCCCTGGCCAAGCAGGGTTTGGAGGGCAGAGGAAGTCTGCTAACATGCGGTGACGTCGAGGAGAATCCTGGCCCAGTGAGCAAGGGCGAGGAGCTG
TTCACCGGGGTGGTGCCCATCCTGGTCGAGCTGGACGGCGACGTAAACGGCCACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAG
CTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCCTGGCCCACCCTCGTGACCACCCTGACCTACGGCGTGCAGTGCTTCAGCCGCTACCCC
GACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCGAAGGCTACGTCCAGGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACAAGACCCGC
GCCGAGGTGAAGTTCGAGGGCGACACCCTGGTGAACCGCATCGAGCTGAAGGGCATCGACTTCAAGGAGGACGGCAACATCCTGGGGCACAAGCTGGAGTAC
AACTACAACAGCCACAACGTCTATATCATGGCCGACAAGCAGAAGAACGGCATCAAGGTGAACTTCAAGATCCGCCACAACATCGAGGACGGCAGCGTGCAG
CTCGCCGACCACTACCAGCAGAACACCCCCATCGGCGACGGCCCCGTGCTGCTGCCCGACAACCACTACCTGAGCACCCAGTCCGCCCTGAGCAAAGACCCC
AACGAGAAGCGCGATCACATGGTCCTGCTGGAGTTCGTGACCGCCGCCGGGATCACTCTCGGCATGGACGAGCTGTACAAGTGA