

**Form 2a: rDNA RESEARCH PLASMID ADDITION**

Principal Investigator Name:

First

M.I.

Last

1. Plasmid(s) added:

Source (indicate if already part of collection or source):

For example: to be purchased from Addgene, ATCC, obtained from XYZ collection, etc.

2. Explain how the plasmid(s) will be used within the scope of the aims indicated in the approved IBC protocol (for example: pABC will be used for overexpression of gene x in vitro, using HELA cells as indicated in Aim 2 for the purpose of...):

3. Additional comments (if needed):

## HOST INFORMATION

List all host strains for the plasmids being added. If these host strains or vectors are classified as Risk Group 2 or 3, then Form 3 must also be completed and submitted. For animal or plant host strains or vectors, Form 6 or Form 7, respectively, must also be completed and submitted.

| Genus & Species | Strain and/or ATCC# | Genotype | Check if <i>E. coli</i><br>KV 12 strain | Check if <i>E. coli</i><br><i>B strain</i> | Check if host is<br>currently approved |
|-----------------|---------------------|----------|---|--|--|
|-----------------|---------------------|----------|---|--|--|

Orders from the American Type Culture Collection (ATCC) should be made under the institutional Material Transfer Agreement (MTA). Contact the Office of Research Compliance for assistance.

## VECTOR INFORMATION

Is there any known oncogene, toxin-producing or eukaryotic viral nucleic acids in the vector(s)/plasmids?

Choose one: YES            NO

If yes, please identify below.

Vector Name & Class\*

Check if Replication  
Competent

If Replication Deficient, explain mechanism

\*Examples are poxvirus, adenovirus, retrovirus, lentivirus, etc.

**Vector Name & Class\***

**Bacterial Host Range**  
(narrow range: *e.g. E. coli* and relatives)

**Extended Host Range**  
(broad range: *e.g. E. coli*, yeast, mammalian, *etc.*)

\*Vector class examples are nonconjugative, conjugative, mobilizable, lamboid, F bacteriophage, *etc.*

**CLOINED DNA INFORMATION**

**Cloned DNA/RNA**

(Species and strain from which derived)

**Function of Gene/Sequence**

**Check if the gene will be expressed**