Product datasheet for PS100075

pEX-1 Bacterial Expression Vector

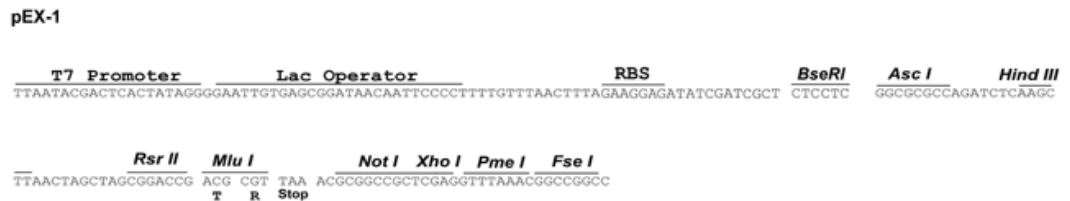## Product data:

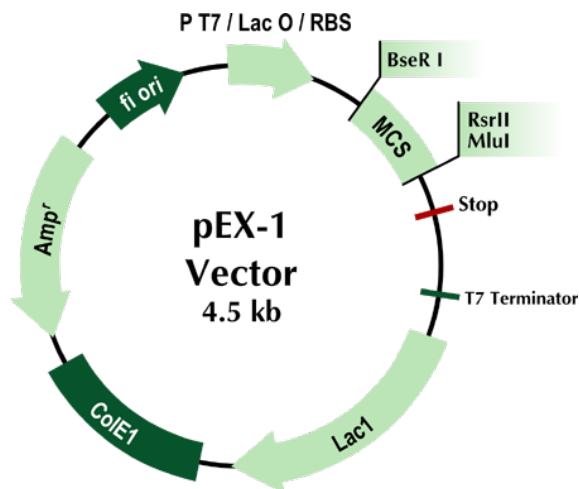|	
Product Type:	Bacterial Expression Vectors
E. coli Selection:	Ampicillin (100 ug/mL)
Features:	This vector is for E.coli expression.

- Upon IPTG induction, ORFs cloned in this vector can be expressed in E.coli (BL21/DE3) as untagged proteins.
- Unlike other PrecisionShuttle vectors, this vector does not have an Sgf I site at the multiple cloning site. Instead a BseR I site can be used to generate Sgf I-compatible end for in-frame shuttling from TrueORF clones in pEntry vectors.

Schematic of the multiple cloning sites:

Product images:

View online »

ORIGENE

pEX-1

| T7 Promoter | Lac Operator | RBS | BseRI | Asc I | Hind III |

TTAATACGACTCACTATAGGGGAATTGTGAGCGGATAACAATTCCCCTTTTGTTTAACTTTAGAAGGAGATATCGATCGCT CTCCTC GGCGCGCCAGATCTCAAGC

| | Rsr II | Mlu I | | Not I | Xho I | Pme I | Fse I |

TTAACTAGCTAGCGGACCG ACG CGT TAA ACGCGGCCGCTCGAGGTTTAAACGGCCGGCC
                            T   R Stop