

Product datasheet for **PS100083**

pEX-C-GST Bacterial Expression Vector

Product data:

Product Type: Bacterial Expression Vectors

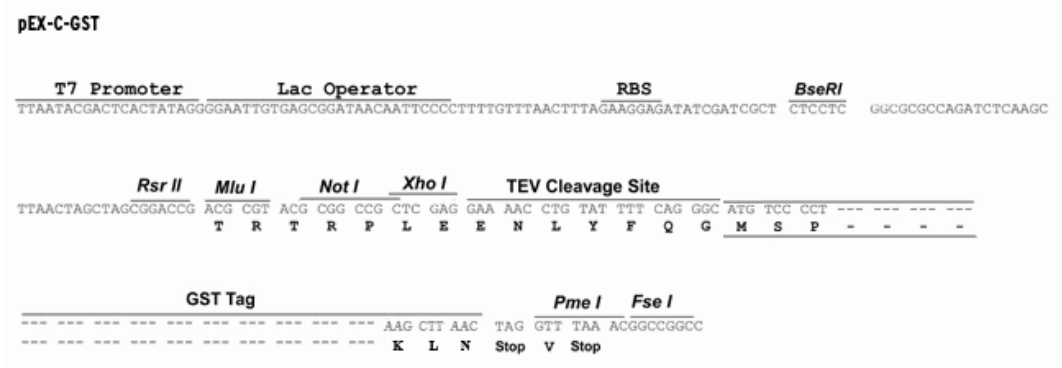
C-Tag: GST

E. coli Selection: Ampicillin (100 ug/mL)

Features: This vector is for E.coli expression.

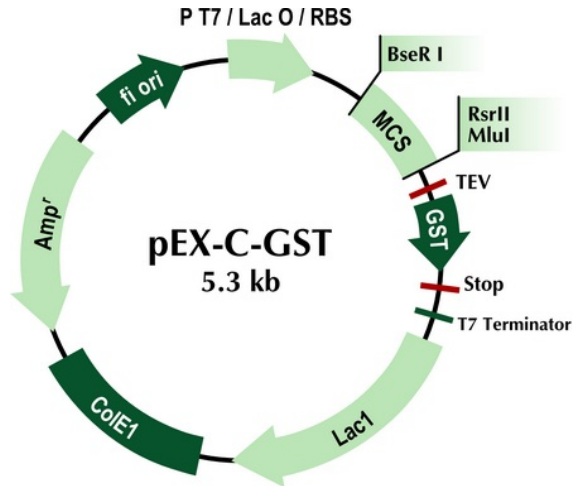
- Upon IPTG induction, ORFs cloned in this vector can be expressed in E.coli (BL21/DE3) as tagged protein with a C-terminal GST tag.
- Unlike other PrecisionShuttle vectors, this vector does not have an Sgf I site at the multiple cloning site. Instead a BseR I site can be used to generate Sgf I-compatible end for in-frame shuttling from TrueORF clones in pEntry vector.
- Detection of the transgene is best done using an anti-GST antibody.
- If the C-terminal tagging interferes with the protein's function, you can choose the N-terminal GST-tagging vector, PS100029

Schematic of the multiple cloning sites:



[View online »](#)

Product images:



pEX-C-GST

<u>T7 Promoter</u>	<u>Lac Operator</u>	<u>RBS</u>	<u>BseRI</u>	
TTAATACGACTCACTATAGGGAATTGTGAGCGGATAACAATTCCCCTTTTGTAACTTTAGAAGGAGATATCGATCGCT CTCCTC GUCGCGCCAGATCTCAAGC				
<u>Rsr II</u>	<u>Mlu I</u>	<u>Not I</u>	<u>Xho I</u>	<u>TEV Cleavage Site</u>
TTAACTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG GAA AAC CTG TAT TTT CAG GGC ATG TCC CCT ---				
T R T R P L E E N L Y F Q G M S P - - - -				
<u>GST Tag</u>		<u>Pme I</u>	<u>Fse I</u>	
----- AAG CIT AAC TAG GTT TAA ACGGCCGGCC				
----- K L N Stop V Stop				