

## **Product datasheet for PS100029**

## pEX-N-GST Bacterial Expression Vector

### **Product data:**

**Product Type:** Bacterial Expression Vectors

N-Tag: GST

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

• Upon IPTG induction, ORFs cloned in this vector can be expressed in E.coli (BL21/DE3) as a tagged protein with an N-terminal GST tag.

• Detection and purification of the transgene are best done using a glutathione affinity column.

• If the N-terminal tagging interferes with the protein's function, you can choose the C-terminal GST-tagging vector, PS100083

• PS100028\_F Primer (GE100105) can be used to sequence the target sequence after cloning.

• PS100028\_R Primer (GE100133) can be used to sequence the target sequence after cloning.

# Schematic of the multiple cloning sites:

#### pEX-N-GST

T7	Pr	omot	er	ccca	ATTO	Lac	Op	era	tor	2000	propro	CTTT)	NACT.	TTD DO	RBS	GAGA	-cocci		ATG 7	ree e	TOT -					
IMMINO	SMCICACIAING		300/0/11010/		LONG	scoon	SIMPLE	MI I		1111	GIIIP	MCI.	LIMP	arunun	GRON	00001	ncc .	M	s	P	-	-	-	-		
			G	STI	Гад													TEV	Clea	avage	e Site	e		Sgf	,	
									TCG	GAT	ATC	ATC	CCA	ACG	ACC	GAA							GCG	ATC	GCC	GG
									s	D	I	I	P	T	T	E	N	L	Y	F	Q	G	A	I	A	
Asc I		Hin	d III			R	sr II	N	llu I		,	Vot I	XI	0 1	Pm	e I	Fse	. 1								



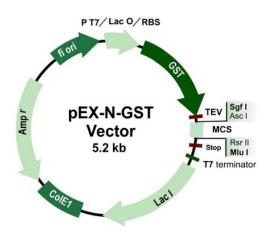
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## **Product images:**



### pEX-N-GST

