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Product datasheet for PS100030

pEX-N-His Bacterial Expression Vector

Product data:

Product Type:	Bacterial Expression Vectors
N-Tag:	His
E. coli Selection:	Ampicillin (100 ug/mL)
	Upon IPTG induction, ORFs c tagged protein with an N-tern Detection and purification of

- Upon IPTG induction, ORFs cloned in this vector can be expressed in E.coli (BL21/DE3) as a tagged protein with an N-terminal His tag.
- Detection and purification of the transgene are best done using an anti-His antibody or a nickel affinity column.
- PS100030_F Primer (GE100106) 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:

T7 Promoter							Lac	Ope	erat	or	RBS					His Tag		
гтаj	TAC	GACT	CACTI	TAG	GGA	ATTGT	GAG	GGAT	AACA	ATTCCCCTTT	TGTTTAACTTTAAGAAG	GAGAGGCCACC	ATG M	CAT	CAC H		H H	*
	Т	EV	Cleav	age	Site			Sgf I		Asc I	Hind III	Rsr II	MI	u I		,	Not I	Xho

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pEX-N-His

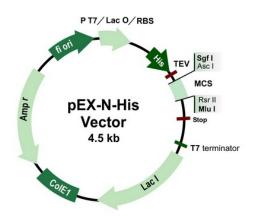


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Product images:



pEX-N-His

	т7	7 Promoter Lac Operator						tor	RBS	His Tag									
TTA	ATAC	GAC'	CACT	ATAG	GGGA	ATTG'	rgag	CGGA	TAACI	ATTCCCCTTI	TGTTTAACTTTAAGAAG	BAGAGGCCACC	ATG M	CAT	CAC H	CAT	CAC H	CAT H	CAC H
	8	TEV	Clea	vage	Site			Sgf	,	Asc I	Hind III	Rsr II	MI	u I			Not		Xho
GAA	AAC	CTC L	TAT	TTT F	CAG	GGC G	GCG	ATC	GCC A	GCCCCAC	ATCTCAAGCTTAACTAG	TAGCGGACCG	ACG T	CGT	TAA Stop		CGGC	CGCT	CGAG

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