



Introductions:

plasmid purposes:	Escherichia coli protein expression
Expression level:	High
Cloning method:	Multiple cloning site, restriction endonuclease
vector length:	6163 bp
Replicon:	pBR322
Promoter:	T7
5' sequencing primers :	T7: 5'-TAATACGACTCACTATAGGG-3'
3' sequencing primers:	T7ter: 5'-TGCTAGTTATTGCTCAGCGG-3'
vector tag:	N-His, N-Thrombin, N-SUMO
Fragment species	Human
Prokaryotic resistance:	Kanamycin
Tips:	Codon optimization (for Cricetulus griseus,Escherichia coli) human full-length interleukin-10
Induction method:	IPTG、arabinose, lactose and their analogues
constitutive/inducible:	inducible
Viral / non viral:	non viral

pET28a-SUMO-IL10
6163 bp

lacI promoter
lacI
1400

lac operator
6xHis
thrombin site
T7 promoter

SUMO
Homo sapiens interleukin 10
6000
6xHis
T7 terminator

f1 ori
KanR
1000
ori
2000
rop
born



Contact us:	
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