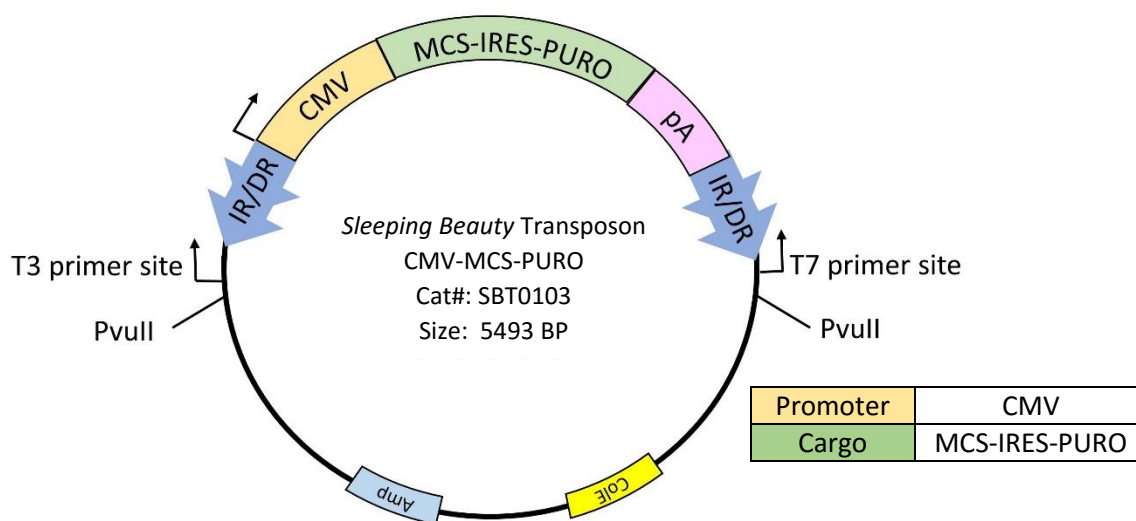


Product Specification Sheet

Sleeping Beauty Transposon Vector: CMV-MCS-PURO Cat# SBT0103

Storage:	-20°C
Concentration:	1.00 µg/µl
Volume:	10 µl
Buffer:	Tris-EDTA pH 7.5
Size:	5493 Base Pairs
Suggested Uses:	<ul style="list-style-type: none"> • Transfection as a transient expression vector. • Co-transfection with a SBAXX01 transposase vector to integrate transposon expression into the genome of your cells.
Characteristics:	<ul style="list-style-type: none"> • Vector backbone contains two sequencing primer sites and two PvuII restriction enzyme cut sites. • <i>Cytomegalovirus Promoter</i> boasts high levels of gene expression in most mammalian cells, especially in neurons and embryonic stem cells. • The multiple cloning site (MCS) allows for the insertion of desired genes into our <i>Sleeping Beauty</i> transposon vectors. We follow our MCS with an IRES element to ensure consistent expression of both MCS inserted cargo and reporter genes. MCS site is prepped for digest with EcoRI and EcoRV restriction enzymes. • Puromycin resistance gene enables drug selection of transposon containing cells. • Endotoxin and Pathogen Free



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