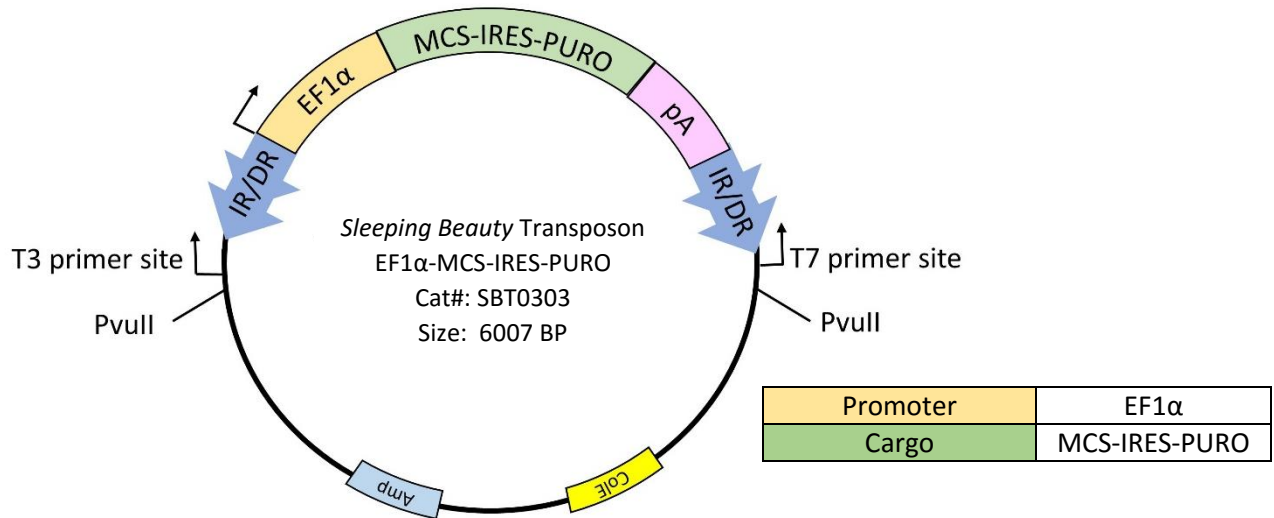


Product Specification Sheet

Sleeping Beauty Transposon Vector: EF1 α -MCS-PURO Cat# SBT0303

Storage:	-20°C
Concentration:	1.00 $\mu\text{g}/\mu\text{l}$
Volume:	10 μl
Buffer:	Tris-EDTA pH 7.5
Size:	6007 Base Pairs
Suggested Uses:	<ul style="list-style-type: none"> • Transfection as an expression vector. • Co-transfection with a SBAXX03 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. • The EF-1 Alpha promoter provides a stable, high-level of expression in most all mammalian cells. A great promoter to create brightly fluorescing cells and robust drug resistant cell lines. • 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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