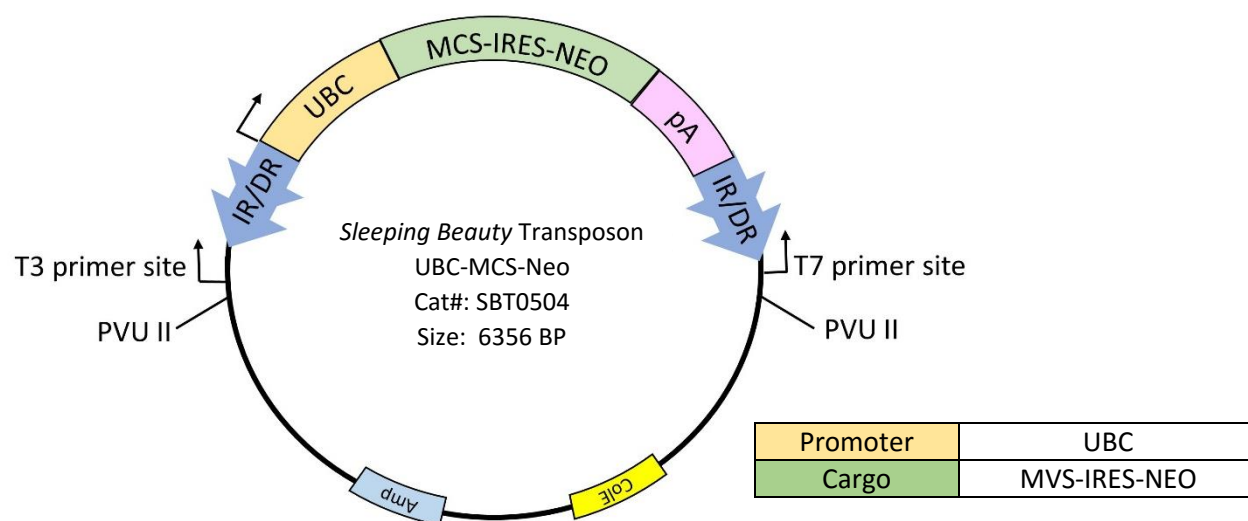


## Product Specification Sheet

### *Sleeping Beauty* Transposon Vector: UBC-MCS-NEO Cat# SBT0504

Storage:	Shipping: ambient. Short-term storage (up to one month): ambient or 4°C. Long term storage: -20 to -80°C. Avoid repeated freeze-thaw cycles
Concentration:	1.00 µg/µl
Volume:	10 µl
Buffer:	Tris-EDTA pH 7.5
Size:	6356
Suggested Uses:	<ul style="list-style-type: none"> <li>• Transfection as an expression vector.</li> <li>• Co-transfection with a SBTXXX series transposase vector to integrate transposon expression into the genome of your cells.</li> </ul>
Characteristics:	<ul style="list-style-type: none"> <li>• Vector backbone contains two sequencing primer sites and two PvuII restriction enzyme cut sites.</li> <li>• The Ubiquitin C promoter is a staple choice for generating transgenic cell lines with stable consistent expression across a wide variety of mammalian species.</li> <li>• 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.</li> <li>• Neomycin resistance gene enables drug selection with G418 of transposon containing cells.</li> <li>• Endotoxin and Pathogen Free</li> </ul>



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