Product sheet

B16-F10-Luc | 305658

Description	B16-F10-Luc C57BL/6 B16-F10 B16-F10 C57BL/6 B16-F10-Luc BLI C57
Organism	
Tissue	
Disease	
Breed/Subspecies	C57BL/6
Gender	
Morphology	
Growth properties	
Citation	B16-F10-Luc Cytion 305658
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_C8XU
GMO Status	GMO-S1: This cell line contains a stably integrated firefly luciferase reporter cassette (Luc2, codon-optimized) introduced via replication-incompetent lentiviral transduction. The resulting polyclonal cell population was maintained under puromycin selection (1–5 µg/mL). S1 containment is required. This classification applies only within Germany and may differ elsewhere.

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Protein expression	
Antigen expression	Luc2 (firefly, codon-optimized)
Products	
MSI-status	
Culture Medium	DMEM w 4.5g/L w 4mM L- w 3.7g/L NaHCO3 w 1.0mM Cytion 820300a
Supplements	10% FBS
Dissociation Reagent	
Subculturing	PBS T25 3-5ml T75 5-10ml PBS T25 1-2m
Seeding density	1 3×10⁴/cm²
Fluid renewal	2 3
Freeze medium	10 DMSO

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Thawing and Culturing Cells	1. 2. -150 3 3. 37 40 60 4. 70 5. 8ml 15ml 6. 200 x g 5 7.
Incubation Atmosphere	37 5% CO_2
Shipping Conditions	-78
Storage Conditions	-150 -196 80