Product sheet

B16-F10-Luc | 305658

Description	B16-F10-Luc B16-F10 C57BL/6 C57BL/6 B16-F10-Luc (BLI) C57BL/6
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.

B16-F10-Luc | 305658

Protein expression	
Antigen expression	Luc2 (firefly, codon-optimized)
Products	
MSI-status	
Culture Medium	DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a
Supplements	10% FBS
Dissociation Reagent	Accutase
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
Seeding density	1 3×10^4 /
Fluid renewal	2 3
Freeze medium	+10% DMSO

B16-F10-Luc | 305658

Thawing and Culturing Cells	1. 2. -150°C 3 3. 37°C 40-60 4. 70% 5. 8 15 6. 200 x g 5 7.
Incubation Atmosphere	37°C, 5% $_{CO2}$,
Shipping Conditions	-78 °C
Storage Conditions	-150 -196 -80 °C