Product sheet

[redacted] B16-F10-Luc | 305658

[redacted]

Description	B16-F10-Luc [redacted] B16-F10 [redacted] (BLI) [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]

[redacted]

Breed/Subspecies	C57BL/6
Gender	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	B16-F10-Luc ([redacted] 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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[redacted]

Protein expression	[redacted]
Antigen expression	Luc2 (firefly, codon-optimized)
Products	[redacted]
MSI-status	

[redacted]

Culture Medium	DMEM [redacted]: 4.5 [redacted]/[redacted] [redacted]: 4 [redacted] [redacted]: 3.7 [redacted]/[redacted] NaHCO3 [redacted]: 1.0 [redacted] (820
Supplements	[redacted] 10 [redacted] FBS
Dissociation Reagent	[redacted]
Subculturing	[redacted] PBS [redacted]
Seeding density	1 [redacted] 3 × 10^4 [redacted]/
Fluid renewal	2 [redacted] 3 [redacted]
Freeze medium	[redacted] + 10% DMSO [redacted]

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Thawing and Culturing Cells

1. [redacted]
2. [redacted] -150 [redacted]
3. [redacted] 37 [redacted]
4. [redacted] 70% [redacted]
5. [redacted] 15 [redacted] 8 [redacted]
6. [redacted] 200 × [redacted] 5 [redacted]
7. [redacted]

Incubation Atmosphere

37 [redacted]

Shipping Conditions

[redacted] -78 [redacted]

Storage Conditions

[redacted] -150 [redacted] -196 [redacted]

[redacted]