Product sheet

[redacted] K-562-GFP | 305948

[redacted]

Description	[redacted] K-562-GFP [redacted] K-562 [redacted] (CML) [redacted] (GFP) [redacted] K-562 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]

[redacted]

Age	53 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	K562-GFP ([redacted] Cytion 305948)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1G55

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GMO Status	GMO-S1: This cell line contains a stably integrated ZsGreen1 green fluorescent protein reporter 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.

[redacted] [redacted]-[redacted]

Protein expression	GFP
Antigen expression	ZsGreen1 (green fluorescent protein)
Mutational profile	[redacted]: p.Gln136fs*13, [redacted]

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 g/L NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] 10% FBS
Dissociation Reagent	[redacted]
Subculturing	[redacted] 5 x 10
Seeding density	0.3 [redacted] 1×10^6 [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°C [redacted]
3. [redacted] 37 [redacted]
4. [redacted] 70% [redacted]
5. [redacted] 15 [redacted] 8 [redacted]
6. [redacted]-200 x g [redacted] 5 [redacted]
7. [redacted]

Incubation Atmosphere

37°C, 5% $_{CO2}$, [redacted]

Shipping Conditions

[redacted]-78°C

Storage Conditions

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

[redacted]