Product sheet

[redacted] CHO-HER2 | 305413H

[redacted]

Description	[redacted]: [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] CHO-HER2 [redacted] [redacted] [redacted] CHO (Chinese Hamster Ovary) [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] HER2 [redacted] [redacted] CD340, [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] (EGFR) [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted] [redacted].
Organism	[redacted]
Tissue	[redacted]
Synonyms	CHO-HER2

[redacted]

Age	[redacted]
Gender	[redacted]
Morphology	[redacted] [redacted]
Growth properties	[redacted]/[redacted]

[redacted] [redacted]

Citation	CHO-HER2 [redacted] ([redacted] [redacted] Cytion 305413H)
Biosafety level	1
NCBI_TaxID	10029
GMO Status	GMO-S1: This CHO cell line contains a construct enabling high-level expression of human HER2 for oncology and receptor-signaling studies. This classification applies only within Germany and may differ elsewhere.

[redacted]- [redacted]

CHO-HER2 | 305413H

Receptors expressed	HER2

[illegible]

Culture Medium	[illegible]: DMEM:Ham's F12 (1:1), w: 3.1 g/L [illegible], w: 2.5 mM L-[illegible], w: 15 mM HEPES, w: 0.5 mM [illegible], w 820400a) [illegible]: CHO Growth Medium A ([illegible]-InSCREENeX; [illegible] InSCREENeX INS-ME-1039)
Supplements	[illegible]: [illegible] 5% FBS. [illegible] Geneticin (G418-Sulfat) [illegible] 0.5 [illegible]/[illegible].
Dissociation Reagent	[illegible]-EDTA
Subculturing	[illegible]: [illegible] [illegible]-PBS [illegible]. [illegible] CO2, [illegible] 2-3 [illegible].
Fluid renewal	2 [illegible] 3 [illegible]
Post-Thaw Recovery	[illegible], [illegible] 1:2 [illegible] 1:3 [illegible] T25 [illegible] 24 [illegible] ([illegible]
Freeze medium	[illegible] (FBS) + 10% DMSO [illegible], [illegible] CM-1 ([illegible]

Thawing and Culturing Cells

1. [illegible]
2. [illegible]-150°C [illegible]
3. [illegible] 37 [illegible]
4. [illegible] 70% [illegible].
5. [illegible] 15 [illegible] 8 [illegible]
6. [illegible]-300 x g [illegible] 3 [illegible]
7. [illegible]-10 [illegible]. [illegible] T2
8. [illegible]-[illegible] [illegible].

[redacted]CHO-HER2 | 305413H

Incubation Atmosphere	37°C, 5% CO_2, humidified atmosphere.
Shipping Conditions	Cryopreserved cell lines are shipped on dry ice in validated, insulated packaging with sufficient refrigerant to maintain approximately −78 °C throughout transit. On receipt, inspect the container immediately and transfer vials without delay to appropriate storage.
Storage Conditions	For long-term preservation, place vials in vapor-phase liquid nitrogen at about −150 to −196 °C. Storage at −80 °C is acceptable only as a short interim step before transfer to liquid nitrogen.

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted] [redacted]