

Resource Summary Report

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CHO-SIINFEKL/H-2Kb

RRID:CVCL_E7G0

Type: Cell Line

Proper Citation

RRID:CVCL_E7G0

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E7G0

Proper Citation: RRID:CVCL_E7G0

Description: Cell line CHO-SIINFEKL/H-2Kb is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Defining Citation: [PMID:30347189](#)

Comments: Characteristics: Using a sleeping beauty transposon system a SIINFEKL-linker-B2m-linker-H2K(b)-AviTag construct was integrated in the parent cell line (PubMed=30347189)., Characteristics: Enables the large-scale and continuous batch production of soluble, fully folded and epitope-defined MHC class I molecules. Engineered to secrete peptide/MHC complexes that can be selectively purified in bulk using affinity chromatography, biotinylated, multimerized (via streptavidin) and the resulting reagent incorporated into immunologically relevant assays for detection of antigen-specific T-cells (PubMed=30347189).

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: CHO-SIINFEKL/H-2Kb

Synonyms: CHO.SIINFEKL/H-2Kb

ID: CVCL_E7G0

Hierarchy: cvcl_7183

Record Creation Time: 20250423T094950+0000

Record Last Update: 20260816T002338+0000

Ratings and Alerts

No rating or validation information has been found for CHO-SIINFEKL/H-2Kb.

No alerts have been found for CHO-SIINFEKL/H-2Kb.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.