

# CCSP C1 Human Ovarian Cancer subpopulation cell line

**Catalogue number:** 157956

**Sub-type:**

**Images:**

## Contributor

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**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** CCSP C1 Human Ovarian Cancer subpopulation cell line

**Alternate name:** CCSP

**Class:**

**Conjugate:**

**Description:** The CCSP family of six cell lines aims to recapitulate the ovarian cancer microenvironment, and is suitable for investigation into cancer biology and cancer therapeutics research. These lines are derived from malignant ascites; a common destination for malignant ovarian cancer cells. They have been validated in direct human-to-mouse xenografts (SCID/beige mouse muscle) and human embryonic stem cell models. The CCSP lines demonstrate morphological hallmarks of ovarian cancer and are positive for clinically relevant ovarian cancer biomarkers CA-125, CA-19.9, and MUC1, as well as the epithelial-specific antigen Ber-EP4. Tumourigenicity has been confirmed for all CCSP sub-populations in the human embryonic stem cell model, and specific sub-populations in the mouse xenograft model.

**Purpose:**

**Parental cell:**

**Organism:** Human

**Tissue:** Ovary

**Model:** Tumour line

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry ice

## Related tools

**Related tools:** CCSP C16 Human Ovarian Cancer subpopulation cell line ; CCSP C13 Human

Ovarian Cancer subpopulation cell line ; CCSP C12 Human Ovarian Cancer subpopulation cell line ; CCSP C5 Human Ovarian Cancer subpopulation cell line ; CCSP C2 Human Ovarian Cancer subpopulation cell line

## References

**References:** Verhertbruggen et al. 2009. Plant J. 59(3):413-25. PMID: 19392693. ; Willats et al. 1998. Carbohydr Res. 308(1-2):149-52. PMID: 9675359.

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