

**HTR-8/SVneo | 305221**

**General Information**

**Description** HTR-8/SVneo is a cell line derived from a human placental choriocarcinoma. It is characterized by the presence of the HTR-8/SVneo antigen, which is a chimeric protein consisting of the alpha subunit of human chorionic gonadotropin (hCG) fused to the SV40 T-antigen. The cell line is used for the production of hCG and for the study of the HTR-8/SVneo antigen. It is a continuous cell line that grows in suspension culture.

**Organism** Human

**Tissue** Placental choriocarcinoma

**Synonyms** HTR-8/SV neo, HTR-8/SV-neo, HTR8/SVneo, HTR8/SVneo, HTR8svn

**Characteristics**

**Age** 6-12 weeks

**Gender** Male

**Morphology** Epithelial cells, adherent

**Growth properties** Continuous cell line, grows in suspension culture

**Identification**

**Citation** HTR-8/SVneo (ATCC CRL-1573) (305221)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_7162

**GMO Status** GMO-S1: HTR-8/SVneo (HTR-8/SVneo) SV40 T-Antigen

**Additional Information**

### XXXXXXXX HTR-8/SVneo | 305221

**Viruses** XXXXX XXXXXXX 40 (XXXXXXXXXXXXXXXXX pSV3neo XXXXX XXXXXXX XXXX XXXXXXXXXX XXXXXXXXXX XXX SV40)

### XXXXXXXXXXXX

**Culture Medium** RPMI 1640X X 2.0 XXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXX X 2.0 X/X NaHCO3 (XXXX XXXXXXXXXX 820700a XX XXXXXXXXXX)

**Supplements** XX XXXXXXX XXXXXXX X 10X XX XX FBS

**Dissociation Reagent** XXXXXXX

**Subculturing** XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX PBS XXXXX XXXXXXX XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

**Freeze medium** XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXX XXXXX (XXXX XX XXXX FBS) + 10% DMSO XX XXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

### Thawing and Culturing Cells

1. XXXXX XX XXXXX XXXXXXXXXX XXXXXXX XXXXX XXXX XXXXXXXXXX XXXX XXXX XXXX XXXXXXXXXX XXXX XXXX XXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
2. XXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXXXXXXXX XXX XXXXX XXXX XXXXXXXXXX XXXX -150 XXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXXXXXXXX
3. XXXXXXXXXX XXXXXXXXXX XX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXX XXXXXXXXXX XXX XXXXX XXXXXXXXXX XXXXXXXXXX 37 XXXXX XXXXXXXXXX XXXXX XXXXXXXXXX
4. XXXXXXXXXX XXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXX XXXXXXXXXX XXX XXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 70% XX XXXXXXXXXX XXXXXXXXXX
5. XXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXX 15 XXX XXXXXXXXXX XXXX 8 XX XX XXXX XXXXXXXXXX XXXXXXXXXX
6. XXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX 300 x XX XXXXXXXXXX 3 XXXXXXXXXX XXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
7. XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX 10 XX XX XXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
8. XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

**Incubation Atmosphere** 37 XXXXX XXXXXXXXXX XXX XXX XXXXXXXXXX

**Flask Coating** XX XXXX

**Product sheet**

**XXXXXXXX HTR-8/SVneo | 305221**

**Freezing Procedure** XXXX XXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXX XXXX XXX XXXXXXX XXXXXXX XXXXXXX XXX XXXX XXXX XXXXXXX XXX XXXX XXXXXXX-78

**Shipping Conditions** XXXX XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXX XXXX XXX XXXXXXX XXXXXXX XXXXXXX XXX XXXX XXXX XXXXXXX XXX XXXX XXXXXXX-78

**Storage Conditions** XXXXXXX XXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX XXX XXXXXXX XXXXXXX XXX XXXX XXXXXXX XXXXXXX XXXX -150 X -196 XXXX XXXXXXX XXXXXXX

**XXXXXXXX XXXXXXXX / XXXXXXX XXXXXXXX / HLA**

**Sterility** XXXXXXX XXXXXXX XXXXXXXXXXXXXXX XXXXXXXX XXX XXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXX XXXXXXXX (PCR) XXXXX XXXXXXX XXX  
XXXXXXXX XXX XXXX XXXXX XXXXXXX XXX XXXXX XXX XXXXXXX XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX