

Product sheet

STO | 400165

General Information

Description	Mouse embryo fibroblast (MEF) derived from a 6-day-old mouse embryo. The cells are immortalized by retroviral transduction of the SV40 large T antigen (LT) and the SV40 small t antigen (st) genes. The cells are maintained in the presence of 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin (NEAA). The cells are characterized by their ability to grow in the presence of 10% FBS and 1% NEAA.
Organism	Mouse
Tissue	Embryo

Genetic Information

Breed/Subspecies	SIM
Age	1-2 weeks
Gender	Male
Growth properties	Adherent

Identification

Citation	STO (ATCC CCL-221) Cytion 400165
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_3420

Contamination

Viruses	Not tested for mycoplasma contamination.
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Culture

Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (Cytion 820100a)
Supplements	10% FBS, 1% NEAA

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Storage Conditions

Store at -150 to 196 °C. Do not freeze. Do not thaw. Do not use after expiration date.

HLA

Sterility

The product is sterile and ready for use. No further sterilization is required. The product is stable for PCR applications.