

Product sheet

MLTC-1 | 305175

General information

Description	MLTC-1, a recombinant mouse chimeric protein consisting of the extracellular domain of the mouse LHCGR and the cytoplasmic tail of the human hCG, is a potent stimulator of the mouse LHCGR. It is used for the study of the LHCGR signaling pathway and for the development of LHCGR antagonists.
Organism	Mouse
Tissue	Testis
Disease	Infertility, Hypogonadism
Synonyms	mLTC-1, MLTC-1, MLTC-1, MLTC-1

Characteristics

Breed/Subspecies	C57BL/6
Gender	Male
Morphology	Mouse
Growth properties	Mouse

Identification

Citation	MLTC-1 (MLTC-1) Cytion 305175
Biosafety level	1
NCBI_TaxID	10090
CellSaurusAccession	CVCL_3544

Receptor information

Receptors expressed	HcG, LH (LH)
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Protein expression

Tumorigenic

Media

Culture Medium RPMI 1640, w: 2.0 mM ... w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS, 2.5 ... 10' HEPES

Dissociation Reagent

Subculturing ... PBS ... T25, ... 3-5' PBS, ... 3 ...

Fluid renewal 2 ... 3 ...

Freeze medium ... (FBS) + 10% DMSO ...

Thawing and Culturing Cells

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

