

MDA-MB-231 BRE-Luc/TK Renilla cell line

Catalogue number: 156439

Sub-type: Continuous

Images:

Contributor

Inventor: Caroline Hill

Institute: The Francis Crick Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: MDA-MB-231 BRE-Luc/TK Renilla cell line

Alternate name:

Class:

Conjugate:

Description: The human breast cancer cell line MDA-MB-31 modified for use as a reporter cell line for bone morphogenetic protein (BMP) signalling. The cell line stably expresses BMP responsive element (BRE)-Luciferase. The cell line also contains a Renilla reporter driven by the thymidine kinase (TK) promoter to act as an internal control. BMP is a transforming growth factor ? (TGF-?) superfamily member.

Purpose:

Parental cell: MDA-MB-231 cell line

Organism: Human

Tissue: Breast

Model: Reporter

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: Made by transfecting the breast cancer cell line MDA-MB-31 with BRE-Luciferase plasmid, TK Renilla plasmid and pRetroSuper for puromycin resistance. Clonal

Formulation:

Recommended controls: MDA-MB-231 parental line

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Bone morphogenetic protein (BMP) signalling

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: Dulbecco's modified Eagle's medium (DMEM) containing 10% fetal calf serum (FCS)+ 50 µg/ml blasticidin

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: Liquid Nitrogen

Shipping conditions: Dry ice

Related tools

Related tools: HEK293T BRE-Luc/TK Renilla cell line

References

References: Unpublished

CancerTools.org