NHE-2 expressing PS120 cell line

Catalogue number: 156413
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: NHE-2 expressing PS120 cell line

Alternate name:

Class:
Conjugate:
Description: An isoform of the Na+/H+ exchanger, NHE-2, has been cloned, sequenced and stably expressed in PS120 fibroblast cells. PS120 being a Na+/H+ exchanger deficient derivative of the CCL39 cell line, poses no background in experimental studies. The NHE cDNA was cloned and sequenced from a rabbit ileal villus cell cDNA library. The cells were then stably transfected using double selection with G418 and acid selection. The Na+/H+ exchange activity of these cells were proven using fluorescence measurement using a pH sensitive dye. These cells are ideal for the Na+/H+ exchanger functional studies as well as drug effect studies with null background. Additional advantages include:Ä?Ë???Â???Â? NHE-2 can be used to study Na+ absorption and function for treatment of diarrhea when NHE-3 is inhibited by cAMP/cholera toxin
Purpose:
Parental cell: CCL39
Organism:
Tissue:
Model:
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: Na+/H+ exchanger

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:

References

References: