

G-protein coupled receptor 119 (GPR119) Cell Line | GPR119 cell line

Human G protein-coupled receptor 119 (GPR119) ACTOne Stable Cell Line

CATALOG #
AAA62071

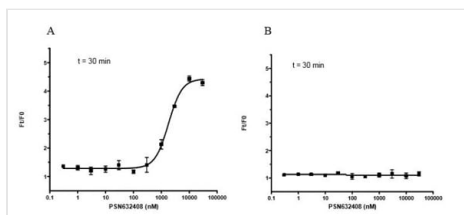
PRODUCT SYNONYMS

G-protein coupled receptor 119 (GPR119); Human G protein-coupled receptor 119 (GPR119) ACTOne Stable Cell Line; GPR119 cell line

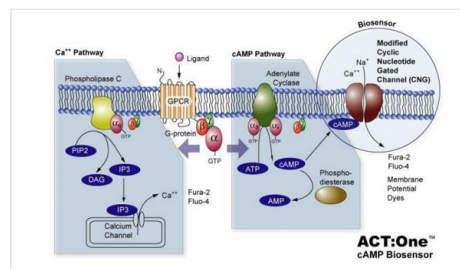
PRODUCT SPECIFICATIONS

Sequence Length	335
Growth Properties	Adherent
Detection	FlexStation or Microplate reader
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Dry Ice Shipment: Extra charge fee may add to your shipping cost as dry ice is required to ship this product. Shipping Note: Product is available for shipment in the United States, Canada and European countries. Please inquire for shipment to other countries.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for GPR119 cell line	Introduction: GPR119, expressed in the pancreas and gastrointestinal tract, encodes a member of the rhodopsin subfamily of Gprotein-coupled receptors. The encoded protein is activated by lipid amides including lysophosphatidylcholine and oleoylethanolamide and may be involved in glucose homeostasis. This protein is a potential drug target in the treatment of type 2 diabetes. Description: Human GPR119 ACTOne is a HEK293-CNG cell line that expresses recombinant human GPR119. HEK293-CNG cells express a modified CNG (Cyclic Nucleotide Gated) channel that opens in response to elevated intracellular cAMP levels and consequently result in ion flux and cell membrane depolarization which can be easily measured with fluorescent Membrane Potential Dye (Cat# MBS430187). The assay allows both end-point and kinetic measurement of intracellular cAMP changes with a FLIPR, or a fluorescence microplate reader.
Product Categories/Family for GPR119 cell line	Cell Based GPCR-PDE Compound Assay System; ACTOne Assay on G-Protein Coupled Receptors (GPCRs); ACTOne GPCR Stable Cell Lines; G-protein coupled receptor 119 (GPR119) ACTOne Stable Cell Line

NCBI AND UNIPROT INFORMATION

NCBI GI #	17486539
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NCBI GeneID	139760
NCBI Accession #	XP_066873.1
NCBI GenBank Nucleotide #	XM_066873.1
Molecular Weight	36,889 Da
NCBI Official Synonym Full Names	G protein-coupled receptor 119
NCBI Official Symbol	GPR119
NCBI Official Synonym Symbols	GPCR2
NCBI Protein Information	glucose-dependent insulinotropic receptor
UniProt Protein Name	Glucose-dependent insulinotropic receptor
UniProt Gene Name	GPR119

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cell-line/g-protein-coupled-receptor-119-gpr119/62071>