

5-Hydroxytryptamine (Serotonin) Receptor 1F (HTR1F) Cell Line | HTR1F cell line

Human 5-hydroxytryptamine (serotonin) receptor 1F (HTR1F) ACTOne Stable Cell Line

CATALOG #
AAA62072

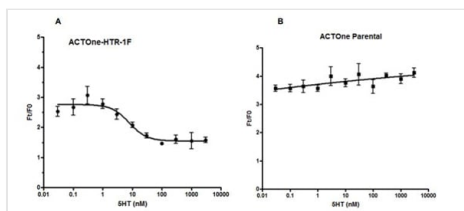
PRODUCT SYNONYMS

5-Hydroxytryptamine (Serotonin) Receptor 1F (HTR1F); Human 5-hydroxytryptamine (serotonin) receptor 1F (HTR1F) ACTOne Stable Cell Line; HTR1F cell line

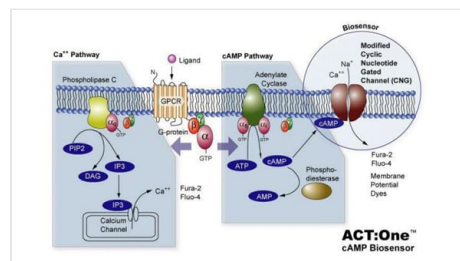
PRODUCT SPECIFICATIONS

Sequence Length	366
Detection Range	0.5-32ng/mL
Sensitivity	0.117ng/ml
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 HTR1F cell line

Background/Introduction: Hsp90 is a highly conserved and essential stress protein that is expressed in all eukaryotic cells. From a functional perspective, hsp90 participates in the folding, assembly, maturation, and stabilization of specific proteins as an integral component of a chaperone complex (1-4). Despite its label of being a heat-shock protein, hsp90 is one of the most highly expressed proteins in unstressed cells (1-2% of cytosolic protein). It carries out a number of housekeeping functions-including controlling the activity, turnover, and trafficking of a variety of proteins. Most of the hsp90-regulated proteins that have been discovered to date are involved in cell signaling (5-6). The number of proteins now known to interact with Hsp90 is about 100. Target proteins include the kinases v-Src, Wee1, and c-Raf, transcriptional regulators such as p53 and steroid receptors, and the polymerases of the hepatitis B virus and telomerase(3). When bound to ATP, Hsp90 interacts with co-chaperones Cdc37, p23, and an assortment of immunophilin-like proteins, forming a complex that stabilizes and protects target proteins from proteasomal degradation. In most cases, hsp90-interacting proteins have been shown to co-precipitate with hsp90 when carrying out immune-oadsorption studies, and to exist in cytosolic heterocomplexes with it. In a number of cases, variations in hsp90 expression or hsp90 mutation has been shown to degrade signaling function via the protein or to impair a specific function of the protein (such as steroid binding, kinase activity) in vivo. Ansamycin antibiotics, such as geldanamycin and radicicol, inhibit hsp90 function (7).

Product Categories/Family for HTR1F cell line	Cell Based GPCR-PDE Compound Assay System; ACTOne Assay on G-Protein Coupled Receptors (GPCRs); ACTOne GPCR Stable Cell Lines; 5-Hydroxytryptamine (Serotonin) Receptor 1F (HTR1F) ACTOne Stable Cell Line
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835197
NCBI GeneID	3355
NCBI Accession #	NP_000857
NCBI GenBank Nucleotide #	NM_000866.4
UniProt Accession #	P30939
Molecular Weight	41,709 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 1F
NCBI Official Synonym Full Names	5-hydroxytryptamine receptor 1F
NCBI Official Symbol	HTR1F
NCBI Official Synonym Symbols	5HT6; MR77; 5-HT1F; HTR1EL; 5-HT-1F
NCBI Protein Information	5-hydroxytryptamine receptor 1F
UniProt Protein Name	5-hydroxytryptamine receptor 1F
UniProt Gene Name	HTR1F
UniProt Synonym Gene Names	HTR1EL; 5-HT-1F; 5-HT1F

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/5-hydroxytryptamine-serotonin-receptor-1f-htr1f/62072>