

## DATA SHEET

<b>Catalog #</b>	AG-10200-231
<b>Cell Line Designation</b>	5-Hydroxytryptamine (Serotonin) Receptor 4 cell line
<b>Parental Cell</b>	HEK 293-CNG cell (AG-10200-200)
<b>Gene Introduced</b>	Human 5-Hydroxytryptamine (Serotonin) Receptor 4 (HTR4)
<b>NCBI Accession #</b>	NP_000861

### USAGE

- cAMP assay for Gs-coupled human 5-Hydroxytryptamine (Serotonin) Receptor 4 (HTR4).
- HEK293-CNG cells (AG-10200-200) without transfected 5-Hydroxytryptamine (Serotonin) Receptor 4 are used as a negative control.

### QUALITY CONTROL

1. This cell line has been tested negative for *Mycoplasma sp.*
2. This cell line has been tested positive for 5-Hydroxytryptamine (Serotonin) Receptor 4 specific response.
3. Surviving rate: More than 2.5 million/vial on the second day after thawing.
4. The receptor specific activity is stable for 10 weeks continuous passage.

### CELL CULTURE CONDITION

1. Growth medium: 90% DMEM, 10% FBS, 250 µg/ml G418 and 1 µg/ml puromycin
2. Growth medium for ACTOne Assay: 90% DMEM, 10% FBS (CHARCOAL STRIPPED), 250 µg/ml G418 and 1 µg/ml puromycin
3. Freezing medium: 10% DMSO, 90% complete medium