

# Recombinant Full Length Human HTR1E Protein, GST-tagged

**Cat. No.** HTR1E-5680HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human HTR1E full-length ORF ( NP_000856, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 365 amino acids                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | HTR1E (5-Hydroxytryptamine Receptor 1E) is a Protein Coding gene. Diseases associated with HTR1E include Attention Deficit-Hyperactivity Disorder. Among its related pathways are Serotonergic synapse and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and serotonin binding. An important paralog of this gene is HTR1F.   |
| <b>Molecular Mass</b>   | 65.67 kDa                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MNITNCTTEASMAIRPKTITEKMLICMTLVVITTLTLLNLAVIMAIGTTKKLHQPANYLI<br>CSLAVTDLLVAVLVMPLSIIVMDRWKLG YFLCEVWLSVDMTCCTCSILHLCVIALDR<br>YWAITNAIEYARKRTAKRAALMILTVWTISIFISMPPLFWRSHRRLSPPPSQCTIQHDH<br>VIYTIYSTLGAFYIPLTLILYYRIYHAAKSLYQKRGSSRHLSNRSTDSQNSFASCKLT<br>QTFCVSDFSTSDPTTEFEK FHASIRIPPFNDLDHPGERQQISSTRERKAARILGLILG<br>AFILSWLPFFIKELIVGLSIYTVSSEVADFLTWLGYVNSLINPLLYTSFNEDFKLAFKKLI<br>RCREHT |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                         |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                    |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                  |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                           |
| <b>Gene Name</b>        | HTR1E 5-hydroxytryptamine (serotonin) receptor 1E, G protein-coupled [ Homo sapiens ]                                                                                                                     |
| <b>Official Symbol</b>  | HTR1E                                                                                                                                                                                                     |
| <b>Synonyms</b>         | HTR1E; 5-hydroxytryptamine (serotonin) receptor 1E, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 1E; 5-hydroxytryptamine receptor 1E; 5 HT1E; S31; 5-HT-1E; serotonin receptor 1E; 5-HT1E; |
| <b>Gene ID</b>          | 3354                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_000865                                                                                                                                                                                                 |
| <b>Protein Refseq</b>   | NP_000856                                                                                                                                                                                                 |
| <b>MIM</b>              | 182132                                                                                                                                                                                                    |
| <b>UniProt ID</b>       | P28566                                                                                                                                                                                                    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA