

# Recombinant Human HTR1B Full Length Transmembrane protein, His-tagged

**Cat. No.** HTR1B-0284H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HTR1B protein(P28222)(1-390aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-390aa                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 45.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MEEPGAQCAPPPAGSETWVPQANLSSAPSQNCSAKDYIYQDSISLPWKVLLVMLL<br>ALITLATTLSNAFVIATVYRTRKLTHTPANYLIASLAVTDLLVSILVMPISTMYTVTGRWT<br>LGQVVCDLFWLSSDITCCTASILHLCVIALDRYWAITDAVEYSAKRTPKRAAVMIALVW<br>VFSISISLPPFFWRQAKAEVEEVSECVVNTDHILYTVYSTVGAFYFPTLLLIALLYGRIYVE<br>ARSRILKQTPNRTGKRLTRAQLITDSPGSTSSVTSINSRVPDVPSESGSPVYVNQVK<br>VRVSDALLEKKKLMAARERKATKTLGILGAFIVCWLPFFIISLVMPICKDACWFHLAIF<br>DFFTWLGYLNSLINPIIYTMSNEDFKQAFHKLIRFKCTS |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                               |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                            |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

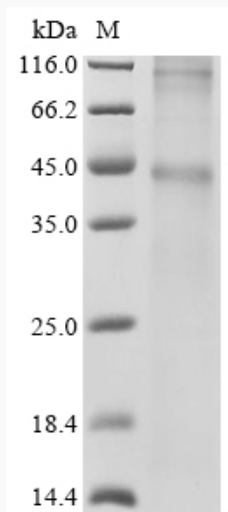
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HTR1B 5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled [ Homo sapiens ]                                                                                                                                                                                                 |
| <b>Official Symbol</b> | HTR1B                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | HTR1B; 5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 1B; 5-hydroxytryptamine receptor 1B; 5 HT1B; 5 HT1DB; HTR1D2; S12; 5-HT-1B; 5-HT-1D-beta; serotonin receptor 1B; serotonin 1D beta receptor; 5-HT1B; HTR1DB; 5-HT1DB; |
| <b>Gene ID</b>         | 3351                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_000863                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_000854                                                                                                                                                                                                                                                                             |
| <b>MIM</b>             | 182131                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | P28222                                                                                                                                                                                                                                                                                |

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**SDS-PAGE**

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