

Recombinant Full Length Human HTR2B Protein, GST-tagged

Cat. No. HTR2B-5684HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR2B full-length ORF (NP_000858.2, 1 a.a. - 481 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	481 amino acids
Description	Multiple receptor subtypes of serotonin neurotransmitters with multiple physiologic functions have been recognized. The 5-HT-2 receptors mediate many of the central and peripheral physiologic functions of serotonin. Cardiovascular effects include contraction of blood vessels and shape changes in platelets; central nervous system effects include neuronal sensitization to tactile stimuli and mediation of hallucinogenic effects of phenylisopropylamine hallucinogens.[supplied by OMIM
Molecular Mass	80.7 kDa
AA Sequence	MALSYRVSELQSTIPEHILQSTFVHVISSNWSGLQTESIPEEMKQIVEEQGNKLHWAA LLILMVIPTIGGNTLVILAVSLEKKLQYATNYFLMSLAVADLLVGLFVMPIALLTIMFEA MWPLPLVLCPAWLFLLDVLVSTASIMHLCAISVDRYIAIKKPIQANQYNSRATAFIKITVV WLISIGIAIPVPIKGIETDVDNPNNITCVLTKERFGDFMLFGSLAAFFTPLAIMIVTYFLTI HALQKKAYLVKNKPPQRLTWLTVSTVFQRDETPCSSPEKVAMLDGSRKDKALPNSG DETLMRRTSTIGKKSQVQISNEQRASKVLGIVFFLFLMWCPFFITNITLVLCDSCNQ TLQMILLEIFVWIGYVSSGVNPLVYTLFNKTRDAFGRYITCNYRATKSVKTLRKRSSKI

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

YFRNPMAENSKFFKKGIRNGINPAMYQSPMLRSSTIQSSSIILLDTLLLTENEGDK
TEERVSIV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[HTR2B 5-hydroxytryptamine \(serotonin\) receptor 2B, G protein-coupled \[Homo sapiens \]](#)

Official Symbol

[HTR2B](#)

Synonyms

HTR2B; 5-hydroxytryptamine (serotonin) receptor 2B, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 2B; 5-hydroxytryptamine receptor 2B; 5 HT(2B); 5 HT2B; 5-HT-2B; 5-HT 2B receptor; serotonin receptor 2B; 5-hydroxytryptamine 2B receptor; 5-hydroxytryptamine receptor 2B variant b; 5-HT2B; 5-HT(2B);

Gene ID

[3357](#)

mRNA Refseq

[NM_000867](#)

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Protein Refseq NP_000858

MIM 601122

UniProt ID P41595

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