

Proteoliposomes

Full-Length

HTR2B (Human) Recombinant Protein

Catalog # H00003357-G01

Size 10 ug

Specification

Product Description

Human HTR2B full-length ORF (NP_000858.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MALSYRVSELQSTIPEHILQSTFVHVISSNWSGLQTESIPEEMKQVEEQGNKLHWAALLILMVIPTI
GGNTLVILAVSLEKKLQYATNYFLMSLAVADLLVGLFVMPIALLTIMFEAMWPLPLVLCPAWLFLDV
LFSTASIMHLCAISVDRYAIKKPIQANQYNSRATAFIKITVWVLISIGIAPVPIKGIETDVDNPNNITCVLT
KERFGDFMLFGSLAAFFTPLAIMVTYFLTIHALQKKAYLVKNKPPQRLTWLTVSTVFQRDETPCSS
PEKVAMLDGSRKDKALPNSGDETLMRRTSTIGKKSQTISNEQRASKVLGVFFLLMWCPFFIT
NITLVLCDSCNQTTLQMLLEIFVWIGYVSSGVNPLVYTLFNKTFRDAFGRYITCNYRATKSVKTLRKR
SSKIYFRNPMAENSKFFKKHGIRNGINPAMYQSPMRLRSSTIQSSSIILLDTLLLTENEGDKTEERVS
YV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.3

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

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

Note

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

Applications

- Antibody Production

Gene Info — HTR2B

Entrez GeneID [3357](#)

GeneBank Accession# [NM_000867.2](#)

Protein Accession# [NP_000858.2](#)

Gene Name HTR2B

Gene Alias 5-HT(2B), 5-HT2B

Gene Description 5-hydroxytryptamine (serotonin) receptor 2B

Omim ID [601122](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -

Pathway

- [Calcium signaling pathway](#)
- [Gap junction](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)

- [Disease Models](#)
- [Edema](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)