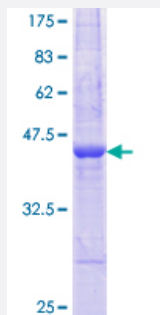


HTR2B (Human) Recombinant Protein (Q02)

Catalog # H00003357-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HTR2B partial ORF (AAH63123.1, 199 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VDNPNNITCVLTKERFGDFMLFGSLAAFFTPLAIMIVTYFLTIHALQKKAYLVKNKPPQRLTWLTVST VFQRDETPCSSPEKVAMLDGSRKDKALPNSGDETLMRRTSTIGKKSVQTISNEQRASKVLGVFF LFLLMWCPFFITNITLVLCDSCNQTTLQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.45
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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

Gene Info — HTR2B

Entrez GeneID	3357
GeneBank Accession#	BC063123
Protein Accession#	AAH63123.1
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](#)