

Recombinant Full Length Human HTR1A Protein, GST-tagged

Cat. No. HTR1A-659HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HTR1A(1 a.a. - 422 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	422 amino acids
Description	This gene encodes a G protein-coupled receptor for 5-hydroxytryptamine (serotonin), and belongs to the 5-hydroxytryptamine receptor subfamily. Serotonin has been implicated in a number of physiologic processes and pathologic conditions. Inactivation of this gene in mice results in behavior consistent with an increased anxiety and stress response. Mutation in the promoter of this gene has been associated with menstrual cycle-dependent periodic fevers.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	72.5 kDa
AA Sequence	MDVLSPGQGN NTTSPAPFE TGGNTTGISD VTVSYQVITS LLLGTLIFCA VLGNACVVAA IALERSLQNV ANYLIGSLAV TDLMVSVLVL PMAALYQVLN KWTLGQVTCD LFIALDVLCC TSSILHLCAI ALDRYWAITD PIDYV NK RTP RRAAALISLT WLIGFLISIP PMLGWRTPED RSDPDACTIS KDHGYTIYST FGAFYIPLLL MLVLYGRIFR AARFRIKTV KKVEKTGADT RHGASPAQPQ

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KKSVNGESGS RNWRLGVESK AGGALCANGA VRQGDDGAAL EVIEVHRVGN
SKEHLPLPSE AGPTPCAPAS FERKNERNAE AKRKMALARE RKTVKTLGII
MGTFILCWLP FFIVALVLPF CESSCHMPTL LGAIINWLGY SNSLLNPVIY
AYFNKDFQNA FKKIIKCKFC RQ

Applications

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

Storage

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

GENE INFORMATION
Gene Name

[HTR1A 5-hydroxytryptamine \(serotonin\) receptor 1A, G protein-coupled \[Homo sapiens \]](#)

Official Symbol

[HTR1A](#)

Synonyms

HTR1A; 5-hydroxytryptamine (serotonin) receptor 1A, G protein-coupled; 5-hydroxytryptamine (serotonin) receptor 1A , ADRB2RL1, ADRBRL1; 5-hydroxytryptamine receptor 1A; 5 HT1A; 5-HT1a receptor; serotonin receptor 1A; G protein coupled receptor; guanine nucleotide-binding regulatory protein-coupled receptor; G-21; 5HT1a; 5-HT1A; 5-HT-1A; ADRBRL1; ADRB2RL1

Gene ID

[3350](#)

mRNA Refseq

[NM_000524](#)

Protein Refseq

[NP_000515](#)

MIM

[109760](#)

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UniProt ID

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