

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 RHGASPAPQP

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KKSVNGESGS RNWRLGVESK AGGALCANGA VRQGDDGAAL EVIEVHRVGN
 SKEHLPLPSE AGPTPCAPAS FERKNERNAE AKRKMALARE RKTVKTLGII
 MGTFILCWLP FFIVALVLPF CESSCHMPTL LGAIINWLGYSNSLLNPVIY
 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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