

Recombinant Full Length Human HTR1A Protein

Cat. No. HTR1A-657HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HTR1A 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	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	46.1 kDa
AA Sequence	MDVLSPGQGN NTTSPAPFE TGGNTTGISD VTVSYQVITS LLLGTLIFCA VLGNACVVAA IALERSLQNV ANYLIGSLAV TDLMVSVLVL PMAALYQVLN KWTLGQVTCD LFIALDVLCC TSSILHLCAI ALDRYWAITD PIDYVNRTP RRAAALISLT WLIGFLISIP PMLGWRTPED RSDPDACTIS KDHGYTIYST FGAFYIPLLL MLVLYGRIFR AARFRIRKTV KKVEKTGADT RHGASPAPQP KKSVMGESGS RNWRLGVESK AGGALCANGA VRQGDDGAAL EVIEVHRVGN

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SKEHLPLPSE AGPTPCAPAS FERKNERNAE AKRKMALARE RKTVKTGII
 MGTFILCWLP FFIVALVLPF CESSCHMPTL LGAIINWLGY SNSLLNPVIY
 AYFNKDFQNA FKKIIKCKFC RQ

Applications Antibody Production; Functional Study; Compound Screening

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](#)

UniProt ID [P08908](#)

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