Recombinant Full Length Human HTR1D Protein

Cat. No. HTR1D-5675HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR1D full-length ORF (NP_000855.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	462 amino acids
Description	HTR1D (5-Hydroxytryptamine Receptor 1D) is a Protein Coding gene. Diseases associated with HTR1D include Migraine With Or Without Aura 1 and Obsessive-Compulsive Disorder. Among its related pathways are Serotonergic synapse and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and serotonin binding. An important paralog of this gene is HTR1B.
Form	Liquid
Molecular Mass	41.9 kDa
AA Sequence	MSPLNQSAEGLPQEASNRSLNATETSEAWDPRTLQALKISLAVVLSVITLATVLSNAF VLTTILLTRKLHTPANYLIGSLATTDLLVSILVMPISIAYTITHTWNFGQILCDIWLSSDIT CCTASILHLCVIALDRYWAITDALEYSKRRTAGHAATMIAIVWAISICISIPPLFWRQAK AQEEMSDCLVNTSQISYTIYSTCGAFYIPSVLLIILYGRIYRAARNRILNPPSLYGKRFT TAHLITGSAGSSLCSLNSSLHEGHSHSAGSPLFFNHVKIKLADSALERKRISAARERK ATKILGIILGAFIICWLPFFVVSLVLPICRDSCWIHPALFDFFTWLGYLNSLINPIIYTVFN

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	EEFRQAFQKIVPFRKAS
Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	HTR1D 5-hydroxytryptamine (serotonin) receptor 1D, G protein-coupled [Homo sapiens]
Official Symbol	HTR1D
Synonyms	HTR1D; 5-hydroxytryptamine (serotonin) receptor 1D, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 1D , HTRL; 5-hydroxytryptamine receptor 1D; 5 HT1D; HT1DA; RDC4; 5-HT-1D; 5-HT-1D-alpha; serotonin receptor 1D; HTRL; 5-HT1D; HTR1DA;
Gene ID	3352
mRNA Refseq	NM_000864
Protein Refseq	NP_000855
MIM	182133

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UniProt ID	P28221

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