

Recombinant Human HTR1D Protein

Cat. No. HTR1D-5250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR1D full-length ORF (NP_000855.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 ATKILGIILGAFIICWLPFFVVSLLVPICRDSCWIHPALFDFFTWLGYLNSLINPIIYTVFN EEFRQAFQKIVPFRKAS

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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

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MIM	182133
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UniProt ID	P28221
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