

Active Recombinant Full Length Human HTR7 Protein

Cat. No. HTR7-244HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human 5HT7 Receptor with proprietary tag; Predicted MWt 73.59 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	432 amino acids
Description	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends.
Form	Liquid
Bio-activity	Useful for Antibody Production and Protein Array
Molecular Mass	73.590kDa inclusive of tags
AA Sequence	MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTAS PAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTITLLTIAGNCLVVISVCFVKKLRQ PSNYLIVSLALADLSVAVAVMPFVSVTDLIGGKWIFGHFFCNVFIAMDVMCCTASIMT

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LCVISIDRYLGITRPLTYPVRQNGKCMAMLSVWLLSASITLPPLFGWAQNVNDDKV
CLISQDFGYTIYSTAVAFYIPMSVMLFMYQIYKAARKSAAKHKFPGFPRVEPDVIAL
NGIVKLQKEVEECANLSRLLKHERKNISIFKREQKAATTLGIIVGAFTVCWLPFFLLST
ARPFICGTSCSCIPLWVERTFLWLGYANSLINPFIYAFFNRDLRTTYRSLQCQYRNIN
RKLSAAGMHEALKLAERPERPEFVL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name HTR7 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled) [Homo sapiens]

Official Symbol HTR7

Synonyms HTR7; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled); 5-hydroxytryptamine receptor 7; 5 HT7

Gene ID 3363

mRNA Refseq NM_000872

Protein Refseq NP_000863

MIM 182137

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UniProt ID

P34969

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