

# Active Recombinant Full Length Human HTR7 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human 5HT7 Receptor with proprietary tag; Predicted MWt 73.59 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	432 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Bio-activity</b>	Useful for Antibody Production and Protein Array
<b>Molecular Mass</b>	73.590kDa inclusive of tags
<b>AA Sequence</b>	MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTAS PAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTLITLLTIAGNCLVVISVCFVKKLRQ PSNYLIVSLALADLSVAVAVMPFVSVTDLIGGKWIFGHFFCNVFIAMDVMCCTASIMT

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LCVISIDRYLGITRPLTYPVQRNGKCMAMILSVWLLSASITLPPFLFGWAQNVNDDKV  
CLISQDFGYTIYSTAVAFYIPMSVMLFMYQIYKAARKSAAKHKFPGFPRVEPDSVIAL  
NGIVKLQKEVEECANLSRLLKHERKNISIFKREQKAATTLGIIVGAFTVCWLPFFLLST  
ARPFICGTSCSCIPLWVERTFLWLGYANSLINPFYAFFNRDLRTTYRSLQCQYRNIN  
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

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