

## Recombinant Human HTR4 Protein

**Cat. No.** HTR4-5238H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human HTR4 full-length ORF (NP_000861.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described, but the full-length nature of some transcript variants has not been determined. [provided by RefSeq]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	43.8 kDa
<b>AA Sequence</b>	MDKLDANVSSEEGFGSVVEKVLLTFLSTVILMAILGNLLVMVAVCWDRQLRKIKTNYF IVSLAFADLLVSVLVMPFGAIELVQDIWIYGEVFLVRTSLDVLLTTASIFHLCCISLDR YYAICCQPLVYRNKMTPLRIALMLGGCWVIPTFISFLPIMQGWNNIGIIDLIEKRKFNQ NSNSTYCVFMVNKPYAITCSVVAFYIPFLLMVLAYYRIYVTAKEHAHQIQLQRAGAS SESRPQSADQHSTHRMRTETKAAKTLCIIMGCFCLCWAPFFVTNIVDPFIDYTVPGQ VWTAFLWLGYINSGLNPFYAFLNKSFRAFLIILCCDDERYRRPSILGQTVPCSTTTI NGSTHVLRLDAVECGGQWESQCHPPATSPLVAAQPSDT

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<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	HTR4 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled [ Homo sapiens ]
<b>Official Symbol</b>	HTR4
<b>Synonyms</b>	HTR4; 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 4; 5-hydroxytryptamine receptor 4; 5 HT4; cardiac 5-HT4 receptor; 5-HT4; 5-HT4R;
<b>Gene ID</b>	3360
<b>mRNA Refseq</b>	NM_000870
<b>Protein Refseq</b>	NP_000861
<b>MIM</b>	602164

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