

Recombinant Human HTR4 Protein

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

SPECIFICATION

Product Overview	Human HTR4 full-length ORF (NP_000861.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	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]
Form	Liquid
Molecular Mass	43.8 kDa
AA Sequence	MDKLDANVSSEEGFGSVEKVLLTFLSTVILMAILGNLLVMVAVCWDRQLRKIKTNYF IVSLAFADLLVSVLVMPFGAIELVQDIWIYGEVFCLVRTSLDVLLTTASIFHLCCISLDR YYAICCQPLVYRNKMTPLRIALMLGGCWVIPTFISFLPIMQGWNNIGIIDLIEKRKFNQ NSNSTYCVFMVNKPYAITCSVAFYIPFLLMVLAYYRIYVTAKEHAHQIQMLQRAGAS SESRPQSADQHSTHRMRTETKAAKTLCIIMGCFCLCWAPFFVTNIVDPFIDYTVPGQ VWTAFLWLGYINSGLNPFYAFLNKSFRR AFLIILCCDDERYRRPSILGQTVPCSTTTI NGSTHVLRLDAVECGGQWESQCHPPATSPLVAAQPSDT

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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	HTR4 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled [Homo sapiens]
Official Symbol	HTR4
Synonyms	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;
Gene ID	3360
mRNA Refseq	NM_000870
Protein Refseq	NP_000861
MIM	602164

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UniProt ID

Q13639

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