

Recombinant Human HTR4 Protein, GST-tagged

Cat. No. HTR4-5237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR4 full-length ORF (NP_000861.1, 1 a.a. - 388 a.a.) recombinant protein with GST-tag at N-terminal.
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]
Molecular Mass	70.2 kDa
AA Sequence	MDKLDANVSSEEGFGSVEKVLLTFLSTVILMAILGNLLVMVAVCWDRQLRKIKTNYF IVSLAFADLLVSVLVMPFGAIELVQDIWIYGEVFCLVRTSLDVLLTTASIFHLCCISLDR YYAICCQPLVYRNKMTPLRIALMLGGCWVPTFISFLPIMQGWNNIGIIDLIEKRKFNQ NSNSTYCVFMVNKPYAITCSVVAFYIPFLLMVLAYRYVTAKEHAHQIQLRAGAS SESRPQSADQHSTHRMRTETKAAKTLCIIMGCFCLCWAPFFVTNIVDPFIDYTPVGQ VWTAFLWLGLYINSGLNPFYLAFLNKSFRRAFLIILCCDDERYRRPSILGQTVPCSTTTI NGSTHVLRDAVECGGQWESQCHPPATSPLVAAQPSDT

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

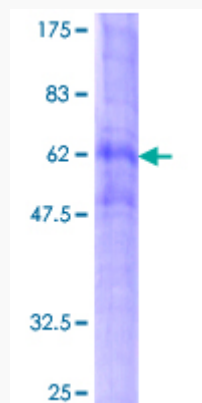
Gene Name	HTR4 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled [Homo sapiens]
Official Symbol	HTR4
Synonyms	HTR4; 5-hydroxytryptamine (serotonin) receptor 4, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 4; 5-hydroxytryptamine receptor 4; 5 HT4; cardiac 5-HT4 receptor; 5-HT4; 5-HT4R;
Gene ID	3360
mRNA Refseq	NM_000870
Protein Refseq	NP_000861
MIM	602164
UniProt ID	Q13639

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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