

Recombinant Full Length Human HTR4 Protein, GST-tagged

Cat. No. HTR4-5696HF 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	In Vitro Cell Free System
ProteinLength	388 amino acids
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	MDKLDANVSSEEGFGSVVEKVVLLTFLSTVILMAILGNLLVMVAVCWDRQLRKIKTNYF IVSLAFADLLVSVLVMPFGAIELVQDIWIYGEVFLVRTSLDVLLTTASIFHLCCISLDR YYAICCQPLVYRNKMTPLRIALMLGGCWVIPTFISFLPIMQGWNNIGIIDLIEKRKFNQ NSNSTYCVFMVNKPYAITCSVVAFYIPFLLMVLAYYRIYVTAKEHAHQIQMLQRAGAS SESRPQSADQHSTHRMRTETKAAKTLCIIMGCFCLCWAPFFVTNIVDPFIDYTVPGQ VWTAFLWLGYINSGLNPFYLAFLNKSFRRAFLIILCCDDERYRRPSILGQTVPCSTTTI

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NGSTHVLRLDAVECGGQWESQCHPPATSPLVAAQPSDT

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

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UniProt ID

Q13639

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