

Recombinant Full Length Human HTR4 Protein

Cat. No. HTR4-5694HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HTR4 full-length ORF (NP_000861.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	139 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]
Form	Liquid
Molecular Mass	43.8 kDa
AA Sequence	MDKLDANVSSEEGFGSVEKVLLTFLSTVILMAILGNLLVMVAVCWDRQLRKIKTNYF IVSLAFADLLVSVLVMPFGAIELVQDIWIYGEVFLVVRTSLDVLLTTASIFHLCCISLDR YYAICCQPLVYRNKMTPLRIALMLGGCWVIPTFISFLPIMQGWNNIGIIDLIEKRKFNQ NSNSTYCVFMVNKPYAITCSVVAFYIPFLLMVLAYYRIYVTAKEHAHQIQLRAGAS SESRPQSADQHSTHRMRTETKAAKTLCIIMGCFCLCWAPFFVTNIVDPFIDYVTPGQ

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VWTAFLWLGYINSGLNPFLLYAFLNKSFRRAFLIILCCDDERYRRPSILGQTVPCSTTTI
 NGSTHVLRLDAVECGGQWESQCHPPATSPLVAAQPSDT

Applications	Antibody Production Functional Study Compound Screening
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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