

Recombinant Human HTR7 Protein

Cat. No. HTR7-5233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR7 full-length ORF (NP_062874.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq]
Form	Liquid
Molecular Mass	48 kDa
AA Sequence	MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTAS PAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTITLLTIAGNCLVVISVCFVKKLRQ PSNYLIVSLALADLSVAVAVMPFVSVTDLIGGKWIFGHFFCNVFIAMDVMCCTASIMT LCVISIDRYLGITRPLTYPVRQNGKCMAMILSVWLLSASITLPPLFGWAQNVNDDKV CLISQDFGYTIYSTAVAFYIPMSVMLFMYYQIYKAARKSAAKHKFPGFPRVEPDSVIAL NGIVKLQKEVEECANLSRLLKHERKNISIFKREQKAATTLGIIVGAFTVCWLPFFLLST ARPFICGTSCSCIPLWVERTFLWLGYANSLINPFIYAFFNRDLRTTYRSLQCYRNIN RKLSAAGMHEALKLAERPERPEFVL

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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	HTR7 5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled [Homo sapiens]
Official Symbol	HTR7
Synonyms	HTR7; 5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase coupled); 5-hydroxytryptamine receptor 7; 5 HT7; 5-HT-7; 5-HT-X; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled); 5-HT7;
Gene ID	3363
mRNA Refseq	NM_000872
Protein Refseq	NP_000863

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MIM	182137
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UniProt ID	P34969
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