

Recombinant Human HTR7 Protein, GST-tagged

Cat. No. HTR7-5232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR7 full-length ORF (NP_062874.1, 1 a.a. - 432 a.a.) recombinant protein with GST-tag at N-terminal.
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]
Molecular Mass	74.4 kDa
AA Sequence	MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTAS PAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTLITLLTIAGNCLVVISVCFVKKLKLRQ PSNYLIVSLALADLSVAVAVMPFVSVDLIGGKWIFGHFFCNVFIAMDVMCCTASIMT LCVISIDRYLGITRPLTYPVRQNGKCMAMILSVWLLSASITLPPLFGWAQNVNDDKV CLISQDFGYTIYSTAVAFYIPMSVMLFMYYQIYKAARKSAAKHKFPGFPRVEPDVIAL NGIVKLQKEVEECANLSRLLKHERKNISIFKREQKAATTLGIIVGAFTVCWLPFFLLST ARPFICGTSCSCIPLWVERTFLWLGYANSLINPFYAFFNRDLRTTYRSLQCQYRNIN RKLSAAGMHEALKLAERPERPEFVL

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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	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
MIM	182137

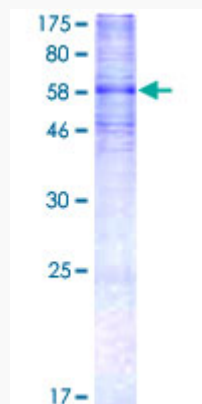
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UniProt ID

P34969

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue

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