

Recombinant Human HTR5A Protein, GST-tagged

Cat. No. HTR5A-5235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTR5A full-length ORF (NP_076917.1, 1 a.a. - 357 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The neurotransmitter serotonin (5-hydroxytryptamine, 5-HT) has been implicated in a wide range of psychiatric conditions and also has vasoconstrictive and vasodilatory effects. The gene described in this record is a member of 5-hydroxytryptamine (serotonin) receptor family and encodes a multi-pass membrane protein that functions as a receptor for 5-hydroxytryptamine and couples to G-proteins. This protein has been shown to function in part through the regulation of intracellular Ca ²⁺ mobilization. [provided by RefSeq]
Molecular Mass	66.7 kDa
AA Sequence	MDLPVNLTFSLSLSTPSPLETNHSLGKDDL RPSSPLLSVFGVLILTLLGFLVAATFAWN LLVLATILRVRTFHRVPHNLVASMVSDVLVAALVMPLSLVHELSGRRWQLGRRLCQ LWIACDVLCCASIWNVTAIALDRYWSITRHMEYTLRTRKCVSNVMIALTWALSAVIS LAPLLFGWGETYSEGSEECQVSREPSYAVFSTVGAFYLPLCVVLFVYWKIYKAAKFR VGSRKTNVSPISEAVEVKDSAKQPQMVFTVRHATVTFQPEGDTWREQKEQRAAL MVGILIGVFVLCWIPFFLTTELISPLCSCDIPAIWKSIFLWLGYSNSFFNPLIYTAFNKNYN SAFKNFFSRQH

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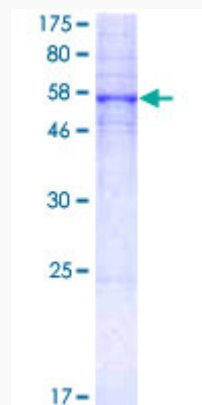
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HTR5A 5-hydroxytryptamine (serotonin) receptor 5A, G protein-coupled [Homo sapiens]
Official Symbol	HTR5A
Synonyms	HTR5A; 5-hydroxytryptamine (serotonin) receptor 5A, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 5A; 5-hydroxytryptamine receptor 5A; 5 HT5A; 5-HT-5; 5-HT-5A; serotonin receptor 5A; 5-HT5A; MGC138226;
Gene ID	3361
mRNA Refseq	NM_024012
Protein Refseq	NP_076917
MIM	601305
UniProt ID	P47898

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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