

Recombinant Full Length Human HTR5A Protein

Cat. No. HTR5A-242HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human 5HT5A receptor (aa 1-357) with N terminal proprietary tag, 65.34 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	357 amino acids
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.
Form	Liquid
Molecular Mass	65.340kDa inclusive of tags
AA Sequence	MDLPVNLTSLSTPSPLETNHSLGKDDLRPSSPLLSVFG VLILTLLGFLVAATFAWN LLVLATILRVRTFHRVPHNLVA SMAVSDVLVAALVMPLSLVHELSGRRWQLGRRLC QLWIA C DVLCTASIWNVTALDRIWSITRHMEYTLRTRKCVSNV MIALTWALSAV ISLAPLLFGWGETYSEGSEECQVSREPSY AVFSTVGAFYPLCVVLFVYWKIYKAAK

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FRVGSRKTNVS PISEAVEVKDSAKQPQMVFTVRHATVTFQPEGDTWREQKE QR
AALMVGILIGVFLCWIPFFLTTELISPLCSCDIPAIWK SIFLWLGYSNSFFNPLIYTAFN
KNYNsafknffsrqh

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [HTR5A 5-hydroxytryptamine \(serotonin\) receptor 5A \[Homo sapiens \]](#)

Official Symbol [HTR5A](#)

Synonyms HTR5A; 5-hydroxytryptamine (serotonin) receptor 5A; 5-hydroxytryptamine receptor 5A; 5 HT5A

Gene ID [3361](#)

mRNA Refseq [NM_024012](#)

Protein Refseq [NP_076917](#)

MIM [601305](#)

UniProt ID [P47898](#)

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