

## Recombinant Human HTR3A

Catalog No: #GP10140



Package Size: #GP10140-1 100ug

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## Description

Product Name	Recombinant Human HTR3A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 322-455 amino acids of human HTR3A
Target Name	5-hydroxytryptamine receptor 3A
Other Names	HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R
Accession No.	Swissprot:P46098Gene Accession:BC002354
Uniprot	P46098
GeneID	3359;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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