

HTR3A 抗原（重组蛋白）

中文名称：HTR3A 抗原（重组蛋白）

英文名称：HTR3A Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 322-455 amino acids of human HTR3A

技术规格

Full name:	5-hydroxytryptamine receptor 3A
Synonyms:	HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R
Swissprot:	P46098
Gene Accession:	BC002354
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.