

Datasheet for ABIN7551744

**Serotonin Receptor 1E Protein (HTR1E) (AA 1-365) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Serotonin Receptor 1E (HTR1E)
Protein Characteristics:	AA 1-365
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Serotonin Receptor 1E protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat HTR1E Protein expressed in mammalian cells.
Sequence:	<p>MNITNCTTEA SMAIRPKTIT EKMLICMTLV VITTLTLLN LAVIMAIGTT KKLHQPANYL ICSLAVTDLL VAVLVMPLSI IYIVMDRWKL GYFLCEVWLS VDMTCCTCSI LHLCVIALDR YWAITNAIEY ARKRTAKRAA LMILTVWTIS IFISMPPLFW RSHRRLSPPP SQCTIQHDHV IYTIYSTLGA FYIPLTILI LYYRIYHAAK SLYQKRGSSR HLSNRSTDSQ NSFASCKLTQ TFCVSDFSTS DPTTEFEKFKH ASIRIPFDN DLDHPGERQQ ISSTRERKAA RILGLILGAF ILSWLPFFIK ELIVGLSIYT VSSEVADFLT WLGYNVNSLIN PLYTSFNED FKLAFKKLIR CREHT</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

---

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

---

Grade:	custom-made
--------	-------------

## Target Details

---

Target:	Serotonin Receptor 1E (HTR1E)
---------	-------------------------------

---

Alternative Name:	HTR1E ( <a href="#">HTR1E Products</a> )
-------------------	--

---

Background:	5-hydroxytryptamine receptor 1E (5-HT-1E) (5-HT1E) (S31) (Serotonin receptor 1E),FUNCTION: G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various alkaloids and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. {ECO:0000269 PubMed:14744596, ECO:0000269 PubMed:1513320, ECO:0000269 PubMed:1608964, ECO:0000269 PubMed:1733778, ECO:0000269 PubMed:21422162}.
-------------	--

---

Molecular Weight:	41.7 kDa
-------------------	----------

---

UniProt:	<a href="#">P28566</a>
----------	------------------------

---

Pathways:	<a href="#">JAK-STAT Signaling, cAMP Metabolic Process</a>
-----------	--

## Application Details

---

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

---

Restrictions: For Research Use only

---

## Handling

---

Format: Liquid

---

Buffer: The buffer composition is at the discretion of the manufacturer.

---

Handling Advice: Avoid repeated freeze-thaw cycles.

---

Storage: -80 °C

---

Storage Comment: Store at -80°C.

---

Expiry Date: 12 months

---