

## Product datasheet

# Recombinant Human 5-HT2C Receptor protein ab114363

[1 Image](#)

### Description

<b>Product name</b>	Recombinant Human 5-HT2C Receptor protein
<b>Purity</b>	>= 99 % Purified via GST Tag. Purification: Glutathione Sepharose 4 Fast Flow
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>P28335</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MVNLRNAVHSFLVHLIGLLVWQSDISVSPVAAVTDIFNTSD GGRFKFPD GV
<b>Predicted molecular weight</b>	31 kDa including tags
<b>Amino acids</b>	1 to 52
<b>Modifications</b>	mutated C23S
<b>Tags</b>	GST tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab114363** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA SDS-PAGE Western blot
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
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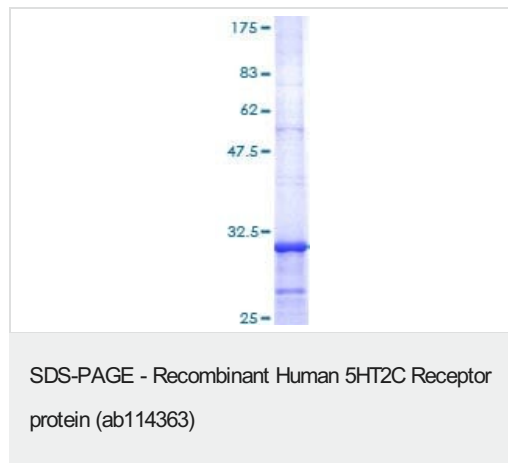
pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## General Info

<b>Function</b>	This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Domain</b>	The PDZ domain-binding motif is involved in the interaction with MPDZ.
<b>Post-translational modifications</b>	N-glycosylated.
<b>Cellular localization</b>	Cell membrane.

## Images



12.5% SDS-PAGE showing ab114363 at approximately 31.35kDa stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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