

Product datasheet

Recombinant Human 5HT1F Receptor protein (Tagged)  
 ab235616

1 Image

Description

<b>Product name</b>	Recombinant Human 5HT1F Receptor protein (Tagged)	
<b>Purity</b>	> 85 % SDS-PAGE. Purified from an in vitro E.coli expression system.	
<b>Expression system</b>	Cell free	
<b>Accession</b>	<a href="#">P30939</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MDFLNSSDQNLTSSELLNRMPKILVSLTSLGLALMTT TINSLVIAAIV TRKLHHPANYLICSLAVTDFLVAVLVMPFSIVYVRESWI MGQVVCDIWL SVDITCCTCSILHLSAIALDRYRAITDAVEYARKRTPKHA GIMITVWII SVFISMPPLFWRHQGTSRDDECIKHDHIVSTIYSTFGAF YIPLALILIL YYKIYRAAKTLYHKRQASRIAKEEVNGQVLLESGEKSTK SVSTSYVLEKS LSDPSTDFDKIHSTVRSRLRSEFKHEKSWRRQKISGTRE RKAATTLGLILG AFVICWLPFFVKELVVNVCDKCKISEEMSNFLAWLGY LNSLINPLIYIF NEDFKKAFQKLVRCRC	
<b>Predicted molecular weight</b>	60 kDa including tags	
<b>Amino acids</b>	1 to 366	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	N-terminal 10xHis-SUMO-tagged. In vitro E. coli expression system.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235616** in the following tested applications.

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

**Applications** SDS-PAGE

**Form** Liquid

## Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

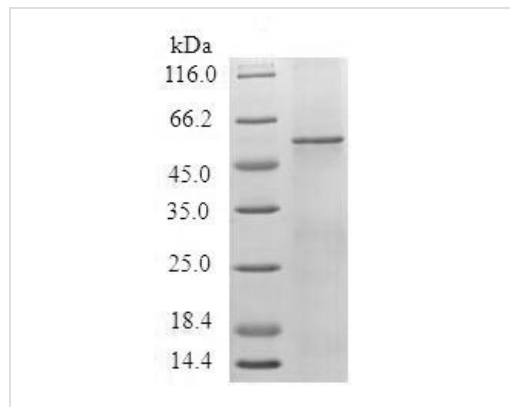
Constituents: Tris buffer, 50% Glycerol

## General Info

**Relevance** 5HT1F is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. 5HT1F is a member of the GPCR family (subfamily: Serotonin). Expression of 5HT1F has been reported in various brain structures, including cortex, hippocampus, trigeminal ganglia, and cerebral blood vessels. Expression in peripheral tissues is limited to uterus, mesentery, and artery. No expression has been detected in heart, kidney, liver, pancreas, or spleen.

**Cellular localization** Cell membrane; Multi pass membrane protein.

## Images



SDS-PAGE - Recombinant Human 5HT1F Receptor protein (Tagged) (ab235616)

ab235616 analyzed by (Tris-Glycine gel) discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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