

Datasheet for ABIN7563134 HTR7 Protein (AA 1-448) (His tag)



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Overview

Quantity:	1 mg
Target:	HTR7
Protein Characteristics:	AA 1-448
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTR7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Htr7 Protein expressed in mammalian cells.
Sequence:	<p>MMDVNSSGRP DLYGHLRLSI LPEVGRRLQD LSPDGGAHSV VSSWMPHLLS GFPEVTASPA PTWDAPPDNV SGCGEQINYG RVEKVVIGSI LTLITLLTIA GNCLVVISVC FVKKLRQPSN YLIVSLALAD LSVAVAVMPF VSVTDLIGGK WIFGHFFCNV FIAMDVMCCT ASIMTLCVIS IDRYLGITRP LTPVRQNGK CMAKMILSVW LLSASITLPP LFGWAQNVND DKVCLISQDF GYTIYSTAVA FYIPMSVMLF MYYQIYKAAR KSAAKHKFSG FPRVQPESVI SLNGVVKLQK EVEECANLSR LLKHERKNIS IFKREQKAAT TLGIIVGAFT VCWLPPFFLLS TARPFCGTS CSCIPLWVER TCLWLGYANS LINPFIYAFF NRDLRTTYRS LLQCQYRNIN RKLAAAGMHE ALKLAERPER SEFVLQNC DH CGKKGHDT 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.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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).
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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
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Grade:	custom-made
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Target Details

Target:	HTR7
Alternative Name:	Htr7 (HTR7 Products)
Background:	5-hydroxytryptamine receptor 7 (5-HT-7) (5-HT7) (5-HT-X) (Serotonin receptor 7),FUNCTION: 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. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.
Molecular Weight:	49.9 kDa
UniProt:	P32304
Pathways:	JAK-STAT Signaling

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.
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Application Details

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