

Datasheet for ABIN7551839
HTR7 Protein (AA 1-479) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HTR7
Protein Characteristics:	AA 1-479
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTR7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HTR7 Protein expressed in mammalian cells.
Sequence:	MMDVNSSGRP DLYGHLRSFL LPEVGRGLPD LSPDGGADPV AGSWAPHLLS EVTASPAPTW DAPPDNASGC GEQINYGRVE KVVIGSILTL ITLLTIAGNC LVVISVCFVK KLRQPSNYLI VSLALADLSV AVAVMPFVSV TDLIGGKWIF GHFFCNVFA MDVMCCTASI MTLCVISIDR YLGITRPLTY PVRQNGKCMA KMILSVWLLS ASITLPPFLG WAQNVNDDKV CLISQDFGYT IYSTAVAFYI PMSVMLFMYI QIYKAARKSA AKHKFPGFPR VEPDSVIALN GIVKLQKEVE ECANLSRLLK HERKNISIFK REQKAATTLG IIVGAFTVCW LPFFLLSTAR PFICGTSCSC IPLWVERTFL WLGYANSLIN PFIYAFFNRD LRTTYRSLQ CQYRNINRKL SAAGMHEALK LAERPERPEF VLRACRRVL LRPEKRPPVS VVWLQSPDHH NWLADKMLTT VEKKVMIHD 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

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:

53.6 kDa

UniProt:

[P34969](#)

Pathways:

[JAK-STAT Signaling](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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