

Datasheet for ABIN7563100

Serotonin Receptor 5A Protein (HTR5A) (AA 1-357) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Serotonin Receptor 5A (HTR5A)
Protein Characteristics:	AA 1-357
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Serotonin Receptor 5A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Htr5a Protein expressed in mammalien cells.
Sequence:	MDLPVNLTsf SLSTPSSLEP NRSldTEVLR PSRPFLSAFR VLVLtLLGFL AAATFTWNLL VLATILKVRT FHRVPHNLVA SMAISDVLVA VLVMPLSLVH ELSGRRWQLG RRLCQLWIAC DVLcCTASIW NVTAlALDRY WSITRHLEYT LRTRKRVS NV MILLTWALST VISLAPLLFG WGETYSEpSE ECQVSREPSY TVFSTVGAFY LPLCVVLFVY WKIYRAAKFR MGRSKTNSVS PVPEAVEVKN ATQHPQMVFT VRHATVTFQT EGDtwREQKE QRAALMVGIL IGVFVLCWFP FFVTELISPL CSWDVPAIWK SIFLWLGYSN SFFNPLIYTA FNRSYSSAFK VFFSKQQ 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.
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
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Grade:	custom-made
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Target Details

Target:	Serotonin Receptor 5A (HTR5A)
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Alternative Name:	Htr5a (HTR5A Products)
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Background:	5-hydroxytryptamine receptor 5A (5-HT-5) (5-HT-5A) (5-HT5A) (Serotonin receptor 5A),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.
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Molecular Weight:	40.7 kDa
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UniProt:	P30966
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Pathways:	JAK-STAT Signaling
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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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Restrictions:	For Research Use only
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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