

Datasheet for ABIN7546318  
**SSTR5 Protein (AA 1-364) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SSTR5
Protein Characteristics:	AA 1-364
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSTR5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat SSTR5 Protein expressed in mammalian cells.
Sequence:	<p>MEPLFPASTP SWNASSPGAA SGGGDNRTL V GPAPSAGARA VLVPVLYLLV CAAGLGNTL          VIYVVLRF AK MKTVTN IYL NLAVADVLYM LGLPFLATQN AASFWPFGPV LCRLVMTLDG          VNQFTSVFCL TVMSVD RYLA VVHPLSSARW RRPVAKLAS AA AWVLSLCM SLPLL VFADV          QEGGTCNASW PEPVGLWGAV FIIYTAVLGF FAPLLVICLC YLLIVVKVRA AGVRVGCVRR          RSERKVTRMV LVVVLVFAGC WLPFFT VNI V NLAVALPQEP ASAGLYFFV V ILSYANSCAN          PVLYGFLSDN FRQSFQK VLC L RKGSGAKDA DATEPRPDRI RQQQEATPPA HRAAANGLMQ TSKL</p> <p><b>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.</b></p>
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
Grade:	custom-made

## Target Details

Target:	SSTR5
Alternative Name:	SSTR5 ( <a href="#">SSTR5 Products</a> )
Background:	Somatostatin receptor type 5 (SS-5-R) (SS5-R) (SS5R) (SST5),FUNCTION: Receptor for somatostatin 28 and to a lesser extent for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. Increases cell growth inhibition activity of SSTR2 following heterodimerization. {ECO:0000269 PubMed:12072395, ECO:0000269 PubMed:7908405, ECO:0000269 PubMed:8078491, ECO:0000269 PubMed:8373420}.
Molecular Weight:	39.2 kDa
UniProt:	<a href="#">P35346</a>
Pathways:	<a href="#">Carbohydrate Homeostasis</a>

## 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
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Application Details

	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