

Datasheet for ABIN7546359
SSTR1 Protein (AA 1-391) (His tag)



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Overview

Quantity:	1 mg
Target:	SSTR1
Protein Characteristics:	AA 1-391
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSTR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SSTR1 Protein expressed in mammalian cells.
Sequence:	<p>MFPNGTASSP SSSPSPSPGS CGEGGGSRGP GAGAADMEE PGRNASQNGT LSEGQGSAIL ISFIYSVVCL VGLCGNSMVI YVILRYAKMK TATNIYILNL AIADELLMLS VPFLVTSTLL RHWPFGALLC RLVLSVDAVN MFTSIYCLTV LSVDRYVAVW HPIKAARYRR PTVAKVVNLG VWVLSLLVIL PIVVFSRTAA NSDGTVACNM LMPEPAQRWL VGFVLYTFLM GFLLPVGAIC LCYVLIIAKM RMVALKAGWQ QRKRSEKIT LMVMMVVMVF VICWMPFYV VQLVNVFAEQD DATVSQLSVI LGYANSCANP ILYGFLSDNF KRSFQIRLCL SWMDNAAEEP VDYYATALKS RAYSVEDFQP ENLESGGVFR NGTCTSRITT L 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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:

SSTR1

Alternative Name:

SSTR1 ([SSTR1 Products](#))

Background:

Somatostatin receptor type 1 (SS-1-R) (SS1-R) (SS1R) (SST1) (SRIF-2),FUNCTION: Receptor for somatostatin with higher affinity for somatostatin-14 than -28. This receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and Na(+)/H(+) exchanger via pertussis toxin insensitive G proteins.

Molecular Weight:

42.7 kDa

UniProt:

[P30872](#)

Application Details

Application Notes:

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