

Datasheet for ABIN7546360
SSTR4 Protein (AA 1-388) (His tag)



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Overview

Quantity:	1 mg
Target:	SSTR4
Protein Characteristics:	AA 1-388
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSTR4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SSTR4 Protein expressed in mammalien cells.
Sequence:	MSAPSTLPPG GEEGLGTAWP SAANASSAPA EEEEAVAGPG DARAAGMVAI QCIYALVCLV GLVGNALVIF VILRYAKMKT ATNIYLLNLA VADELFM LSV PFVASSAALR HWPFGSVLCR AVLSVDGLNM FTSVFCLTVL SVD RYVAVVH PLRAATYRRP SVAKLINLGV WLASLLVTLP IAIFADTRPA RGGQAVACNL QWHPAWSAV FVYTFLLGF LLPVLAIGLC YLLIVGKMRA VALRAGWQQR RRSEKKITRL VLMVVV FVL CWMPFYVVQL LNFLVTS LDA TVNHVSLILS YANSCANPIL YGFLSDNFRR FFQ RVLCLRC CLLEGAGGAE EEPLDYYATA LKSKGGAGCM CPPLPCQQA LQPEPGRKRI PLTRTTTF 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:	SSTR4
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Alternative Name:	SSTR4 (SSTR4 Products)
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Background:	Somatostatin receptor type 4 (SS-4-R) (SS4-R) (SS4R) (SST4),FUNCTION: Receptor for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase. It is functionally coupled not only to inhibition of adenylate cyclase, but also to activation of both arachidonate release and mitogen-activated protein (MAP) kinase cascade. Mediates antiproliferative action of somatostatin in tumor cells.
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Molecular Weight:	42.0 kDa
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UniProt:	P31391
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Pathways:	cAMP Metabolic Process
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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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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