

Datasheet for ABIN7555289
RSC1A1 Protein (AA 1-617) (His tag)



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Overview

Quantity:	1 mg
Target:	RSC1A1
Protein Characteristics:	AA 1-617
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RSC1A1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RSC1A1 Protein expressed in mammalien cells.
Sequence:	MSSLPTSDGF NHPARSSGQS PDVGNPMSLA RSVSASVCPI KPSDSDRIEP KAVKALKASA EFQLNSEKKE HLSLQDLSDH ASSADHAPTD QSPAMPMQNS SEEITVAGNL EKSAERSTQG LKFHHLTRQE ASLSVTSTRM HEPQMFLGEK DWHPENQNLS QVSDPQQHEE PGNEQYEVAQ QKASHDQEYL CNIGDLELPE ERQQNQHKIV DLEATMKGNG LPQNVDPSSA KKSIPSSSECS GCSNSETFME IDTAQQLSVT LLNSTGRQNA NVKNIGALDL TLDNPLMEVE TSKCNPSSSEI LND SISTQDL QPPETNVEIP GTNKEYGHYS SPSLCGSCQP SVESAEESCP SITAALKELH ELLVSSKPA SENTSEEVIC QSETIAEGQT SIKDLSERWT QNEHLTQNEQ CPQVSFHQAI SVSVETEKL TGTSSDTGREA VENVNFRSLG DGLSTDKEGV PKSRESINKN RSVTVTSAKT SNQLHCTLGV EISPKLLAGE EDALNQTSEQ TKSLSSNFIL VKDLGQGIQN SVTDRPETRE NVCPDASRPL LEYEPPTSHP SSSPAILPPL IFPATDIDRI LLAGFTLQEA LGALHRVGGN ADLALLVLLA KNIVVPT Sequence without tag. The proposed Purification-Tag is based on

Product Details

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:

- 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:

RSC1A1

Alternative Name:

RSC1A1 ([RSC1A1 Products](#))

Background:

Regulatory solute carrier protein family 1 member 1 (Transporter regulator RS1) (hRS1),FUNCTION: Mediates transcriptional and post-transcriptional regulation of SLC5A1. Inhibits a dynamin and PKC-dependent exocytotic pathway of SLC5A1. Also involved in transcriptional regulation of SLC22A2. Exhibits glucose-dependent, short-term inhibition of SLC5A1 and SLC22A2 by inhibiting the release of vesicles from the trans-Golgi network. {ECO:0000269|PubMed:14724758, ECO:0000269|PubMed:16788146, ECO:0000269|PubMed:8836035}.

Molecular Weight:

66.8 kDa

UniProt:

[Q92681](#)

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.

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
