

Datasheet for ABIN7551848
SLC33A1 Protein (AA 1-549) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC33A1
Protein Characteristics:	AA 1-549
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC33A1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC33A1 Protein expressed in mammalian cells.
Sequence:	<p>MSPTISHKDS SRQRRPGNFS HSLDMKSGPL PPGWDDSHL DSAGREGDRE ALLGDTGTGD FLKAPQSFRA ELSSILLLLF LYVLQGIPLG LAGSIPLILQ SKNVSYTDQA FFSVFWPFSS LKLLWAPLVD AVYVKNFGRR KSWLVPTQYI LGLFMIYLST QVDRLLGNTD DRTPDVIALT VAFFLFEFLA ATQDIAVDGW ALTMLSRENV GYASTCNSVG QTAGYFLGNV LFLALESADF CNKYLRFPQP PRGIVTLSDF LFFWGTVFLI TTTLVALLKK ENEVSVVKEE TQGITDTYKL LFAIKMPAV LTFCLLILTA KIGFSAADAV TGLKLVEEGV PKEHLALLAV PMVPLQIILP LIISKYTAGP QPLNTFYKAM PYRLLLGLEY ALLVWWT PKV EHQGGFPIYY YIVVLLSYAL HQQTVVYSMYV SIMAFNAKVS DPLIGGTYMT LLNTVSNLGG NWPSTVALWL VDPLTVKECV GASNQNCRTP DAVELCKKLG GSCVTALDGY YVESIICVFI GFGWWFFLGP KFKKLQDEGS SSWKCKRNN</p> <p>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>

Product Details

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.

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: SLC33A1

Alternative Name: SLC33A1 ([SLC33A1 Products](#))

Background: Acetyl-coenzyme A transporter 1 (AT-1) (Acetyl-CoA transporter 1) (Solute carrier family 33 member 1),FUNCTION: Acetyl-CoA transporter that mediates active acetyl-CoA import through the endoplasmic reticulum (ER) membrane into the ER lumen where specific ER-based acetyl-CoA:lysine acetyltransferases are responsible for the acetylation of ER-based protein substrates, such as BACE1 (PubMed:24828632, PubMed:20826464). Necessary for O-acetylation of gangliosides (PubMed:9096318). {ECO:0000269|PubMed:20826464, ECO:0000269|PubMed:24828632, ECO:0000269|PubMed:25402622, ECO:0000269|PubMed:9096318}.

Molecular Weight: 60.9 kDa

UniProt: [O00400](#)

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
