

Datasheet for ABIN7561505
SLC13A1 Protein (AA 1-594) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC13A1
Protein Characteristics:	AA 1-594
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC13A1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc13a1 Protein expressed in mammalien cells.
Sequence:	MKLLNYALVY RRFLLVFTI LVFLPLPLII RTKEAQCAIY LFVIAIFWIT EALPLSITAL LPGLMFPMFG IMRSSQVASA YFKDFHLLLI GVICLATSIE KWNLHKRIAL RMVMMVGVNP AWLTLGFMSS TAFLSMWLSN TSTAAMVMPI VEAVAQIIS AEAEAEATQM TYFNESA AHG LDIDETVIGQ ETNEKKEKTK PAPGSSHDKG KVS RKMETE K NAVTGAKYRS R KDHMMCKLM CLSVAYSSTI GGLTTITGTS TNLIFSEHFN TRYPDCRCLN FGSWFLFSFP VALILLLLSW IWLQWLYLGF DFKMFKCGKT KTLKEKACAK VIKQEYELG PMRYQEIVTL VIFVMALLW FSRDPGFVTG WSVLFSEYPG YVTDSTVALV AGILFFLIPA KKVTKMTSAG EIIAFDYTPL ITWKEFQSFM PWDIAILVGG GFALADGCQV SGLSNWIGSK LSPLGSLPVW LIILSSLIV TSLTEVASNP ATITILFPIL SPLAEAIQVN PLQILLPSTL CTSFAFLLPV ANPPNAIVFS YGHLKVIDMV KAGLGVNILG VAVVMLGMFT WIEPFMNLHE YPSWASNFVN QTMP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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:

SLC13A1

Alternative Name:

Slc13a1 ([SLC13A1 Products](#))

Background:

Solute carrier family 13 member 1 (NaSi-1) (Renal sodium/sulfate cotransporter) (Na+)/sulfate cotransporter),FUNCTION: Sodium:sulfate symporter that mediates sulfate reabsorption in the kidney and small intestine (PubMed:10766815). Can also mediate the transport of selenate and thiosulfate (By similarity). {ECO:0000250|UniProtKB:Q07782, ECO:0000269|PubMed:10766815}.

Molecular Weight:

66.1 kDa

UniProt:

[Q9JH14](#)

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

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