

Datasheet for ABIN7551611

## SLC13A1 Protein (AA 1-595) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLC13A1
Protein Characteristics:	AA 1-595
Origin:	Human
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 mammalian cells.
Sequence:	<p>MKFFSYILVY RRFLFVVFTV LVLLPLPIVL HTKEAECAYT LFWVATFWLT EALPLSVTAL</p> <p>LPSLMLPMFG IMPSKKVASA YFKDFHLLLI GVICLATSIE KWNLHKRIAL KMVMMVGVNP</p> <p>AWLTGFMSS TAFLSMWLSN TSTAAMVMPI AEAUVQIIN AEA EVEATQM TYFNGSTNHG</p> <p>LEIDESVNGH EINERKEKTK PVPGYNNDTG KISSKVELEK NSGMRTKYRT KKGHVTRKLT</p> <p>CLCIAYSSTI GGLTTITGTS TNLIFAEYFN TRYPDCRCLN FGSWFTFSFP AALIILLLSW</p> <p>IWLQWLFLGF NFKEMFKCGK TKTVQQKACA EVIKQEYQKL GPIRYQEIVT LVLFIIMALL</p> <p>WFSRDPGFVP GWSALFSEYP GFATDSTVAL LIGLLFFLIP AKTLTKTTPT GEIVAFDYSP</p> <p>LITWKEFQSF MPWDIAILVG GGFALADGCE ESGLSKWIGN KLSPLGSLPA WLIISSLM</p> <p>VTSLTEVASN PATITLFLPI LSPLAEAIHV NPLYILIPST LCTSFALLP VANPPNAIVF SYGHLKVIDM</p> <p>VKAGLGVNIV GVAVVMLGIC TWIVPMFDLY TYP SWAPAMS NETMP <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</b></p>

**complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SLC13A1
Alternative Name:	SLC13A1 ( <a href="#">SLC13A1 Products</a> )
Background:	Solute carrier family 13 member 1 (Renal sodium/sulfate cotransporter) (Na <sup>+</sup> )/sulfate cotransporter) (hNaSi-1),FUNCTION: Sodium:sulfate symporter that mediates sulfate reabsorption in the kidney and small intestine (PubMed:11161786). Can also mediate the transport of selenate and thiosulfate (By similarity). {ECO:0000250 UniProtKB:Q07782, ECO:0000269 PubMed:11161786}.
Molecular Weight:	66.1 kDa
UniProt:	<a href="#">Q9BZW2</a>

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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