

Datasheet for ABIN7561384  
**SLC23A2 Protein (AA 1-648) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | SLC23A2  |
| Protein Characteristics:      | AA 1-648                                       |
| Origin:                       | Mouse  |
| Source:                       | HEK-293 Cells                                  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This SLC23A2 protein is labelled with His tag. |

## Product Details

|           |  |
|-----------|--|
| Purpose:  | Custom-made recombinant Slc23a2 Protein expressed in mammalian cells.  |
| Sequence: | MMGIGKNTAS KSVEAGGSTG GKYEEEAKHS NFFTLPVVIN GGATSSGEQD NEDTELMAIY<br>TTENGIAEKS SLAETLDSTG SLDPQRSDMI YTIEDVPPWY LCIFLGLQHY LTCFSGTIAV<br>PFLADAMCV GDDQWATSQL IGTIFFCVGI TLLQTTFGC RLPLFQASAF AFLAPARAIL<br>SLDKWKCNTT EITVANGTAE LLEHIWHPRI QEIQGAIIMS SLIEVVIGLL GLPGALLRYI GPLTITPTVA<br>LIGLSGFQAA GERAGKHWGI AMLTIFLVLL FSQYARNVKF PLPIYKSKKG WTAYKFQLFK<br>MFPIILAILV SWLLCFITV TDVFPSNSTD YGYARTDAR KGVLLVAPWF KVPYFPQWGM<br>PTVSAAGVIG MLSAVVASII ESIGDYACA RLSCAPPPPI HAINRGIFVE GLSCVLDGIF<br>GTGNGSTSSS PNIGVLGITK VGSRRVIQYG AALMLGLGMV GKFSALFASL PDPVLGALFC<br>TLFGMITAVG LSNLQFIDLN SSRNLFVLGF SIFFGLVLPS YLRQNPLVTG ITGIDQILNV<br>LLTTAMFVGG CVAFILDNTI PGTPEERGIK KWKKGVSKGS KSLDGMESYN LPFGMNIKK<br>YRCFSYLPIS PTFAGYTWKG FGKSENSRSS DKDSQATV <b>Sequence without tag. The proposed<br/>Purification-Tag is based on experiences with the expression system, a different complexity</b> |

## Product Details

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

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

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Target: SLC23A2

Alternative Name: Slc23a2 ([SLC23A2 Products](#))

Background: Solute carrier family 23 member 2 (Na<sup>+</sup>)/L-ascorbic acid transporter 2) (Sodium-dependent vitamin C transporter 2) (SVCT-2) (mSVCT2) (Yolk sac permease-like molecule 2),FUNCTION: Sodium/ascorbate cotransporter. Mediates electrogenic uptake of vitamin C, with a stoichiometry of 2 Na<sup>+</sup> for each ascorbate. {ECO:0000250|UniProtKB:Q9UGH3}.

Molecular Weight: 70.0 kDa

UniProt: [Q9EPR4](#)

Pathways: [Skeletal Muscle Fiber Development](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months