

Datasheet for ABIN7545920  
**SLC13A4 Protein (AA 1-626) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC13A4
Protein Characteristics:	AA 1-626
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC13A4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SLC13A4 Protein expressed in mammalian cells.
Sequence:	MGLLQGLLRV RKLLLVVVCVP LLLLPLVVLH PSSEASCAYV LIVTAVYWVS EAVPLGAAAL VPAFLYPFFG VLRSNEVAE YFKNTTLLLV GVICVAAAVE KWNLHKRIAL RMVLMAGAKP GMLLLCFMCC TTLLSMWLSN TSTTAMVMPI VEAVLQELVS AEDEQLVAGN SNTEEAEPIS LDVKNSQPSL ELIFVNEESN ADLTTLMHNE NLNGVPSITN PIKTANQHQG KKQHPSQEKP QVLTPSPRKQ KLNRYRSHH DQMICKCLSL SISYSATIGG LTTIIGTSTS LIFLEHFNNQ YPAAEVNFG TWFLFSFPIS LIMLVVSWFW MHWLFLGCNF KETCSLSKKK KTKREQLSEK RIQEEYEKLG DISYPEMVTG FFFILMTVLW FTREPGFVPG WDSFFEKKG Y RTDATVSVFL GFLFLIPAK KPCFGKKN DG ENQEHS LGTE PIITWKDFQK TMPWEIVILV GGGYALASGS KSSGLSTWIG NQMLSLSLSP PWAVTLLACI LVSIVTEFVS NPATITIFLP ILCSLSETLH INPLYTLIPV TMCISFAVML PVGNPPNAIV FSYGHCQIKD MVKAGLGVNV IGLVIVMVAI NTWGVSLFHL DTYPAWARVS NITDQA <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b>

## Product Details

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**another tag necessary. In case you have a special request, please contact us.**

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** SLC13A4

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**Alternative Name:** SLC13A4 ([SLC13A4 Products](#))

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**Background:** Solute carrier family 13 member 4 (Na<sup>+</sup>)/sulfate cotransporter SUT-1 (NaS<sub>2</sub>),FUNCTION: Sodium:sulfate symporter that mediates sulfate reabsorption in the high endothelial venules (HEV). {ECO:0000269|PubMed:10535998, ECO:0000269|PubMed:15607730}.

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**Molecular Weight:** 69.4 kDa

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**UniProt:** [Q9UKG4](#)

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## 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

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## Application Details

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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

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