

Datasheet for ABIN7559435

## SLC45A3 Protein (AA 1-553) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	SLC45A3
Protein Characteristics:	AA 1-553
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC45A3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Slc45a3 Protein expressed in mammalien cells.
Sequence:	<p>MIQRLWASRL LRHRKAQLLL VNLLTFGLEV CLAAGITYVP PLLLEVGVEE KFMTMVLGIG</p> <p>PVLGLVSVPL LGSASDQWRG RYGRRRPFIW ALSLGVLLSL FLIPRAGWLA GLLYPDTRPL</p> <p>ELALLILGVG LLDFCGQVCF TPLEALLSDL FRDPDHCRQA FSVYAFMISL GGCLGYLLPA</p> <p>IDWDTSVLAP YLGTQEECLF GLLTLIFLIC MAATLFVTEE AVLGPPPEAE GLLVSAVSRR</p> <p>CCPCHVGLAF RNLGTLFPRL QQLCCRMPT LRRLFVAELC SWMALMTFTL FYTDFVGEGL</p> <p>YQGVPRAPPG TEARRHYDEG IRMGSLGLFL QCAISLVFSL VMDRLVQKFG TRSVYLASVM</p> <p>TFPVAAAATC LSHSVVVVTA SAALTGFTFS ALQILPYTLA SLYHREKQVF LPKYRGDAGG</p> <p>SSGEDSQTTS FLPGPKPGAL FPNGHVSGS SGILAPPPAL CGASACDVSM RVVVGEPPEA</p> <p>RVVTGRGICL DLAILDSAFL LSQVAPSLFM GSIQVLSHSV TAYMVSAAGL GLVAIFYATQ</p> <p>VVFDKNDLAK YSV <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></p>

## Product Details

**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:

SLC45A3

### Alternative Name:

Slc45a3 ([SLC45A3 Products](#))

### Background:

Solute carrier family 45 member 3 (Prostate cancer-associated protein 6) (Prostein),FUNCTION: Proton-associated sucrose transporter. May be able to transport also glucose and fructose. {ECO:0000269|PubMed:25164149}.

### Molecular Weight:

59.7 kDa

### UniProt:

[Q8K0H7](#)

## 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 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