

Datasheet for ABIN7545905

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



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Overview

Quantity:	1 mg
Target:	SLC45A3
Protein Characteristics:	AA 1-553
Origin:	Human
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 mammalian cells.
Sequence:	<p>MVQRLWVSRL LRHRKAQLLL VNLLTFGLEV CLAAGITYVP PLLLEVGVEE KFMTMVLGIG</p> <p>PVLGLVCVPL LGSASDHWRG RYGRRRPFIW ALSLGILLSL FLIPRAGWLA GLLCPDPRPL</p> <p>ELALLILGVG LLDFCGQVCF TPLEALLSDL FRDPDHCRQA YSVYAFMISL GGCLGYLLPA</p> <p>IDWDTSALAP YLGTQEECLF GLLTLIFLTC VAATLLVAEE AALGPTEPAE GLSAPSLSPH</p> <p>CCPCRARLAF RNLGALLPRL HQLCCRMPT LRRLFVAELC SWMALMTFTL FYTDFVGEGL</p> <p>YQGVPAEPG TEARRHYDEG VRMGSLGLFL QCAISLVFSL VMDRLVQRFG TRAVYLASVA</p> <p>AFPVAAGATC LSHSVAVVTA SAALTGFTFS ALQILPYTLA SLYHREKQVF LPKYRGDTGG</p> <p>ASSEDSLMTS FLPGPKPGAP FPNHVGAGG SGLLPPPPAL CGASACDVSV RVVVGEPTEA</p> <p>RVVPGRGICL DLAILDSAFL LSQVAPSLFM GSVIQLSQSV TAYMVSAAGL GLVAIFYATQ</p> <p>VVFDKSDLAK YSA Sequence without tag. The proposed Purification-Tag is based on</p> <p>experiences with the expression system, a different complexity of the protein could make</p>

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:0000250|UniProtKB:Q8K0H7}.

Molecular Weight:

59.3 kDa

UniProt:

[Q96JT2](#)

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