

Datasheet for ABIN7558979

SLC39A11 Protein (AA 1-342) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC39A11
Protein Characteristics:	AA 1-342
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC39A11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Slc39a11 Protein expressed in mammalian cells.
Sequence:	MLQGYSSVVQ ALLGTFFTTWA MTAAGAALVF IFSSGQRRIL DGSLGFAAGV MLAASYWSLL APAVEMATSS GGFGAFAFFP VAVGFTLGAA FVYLADLLMP HLGATEDPQT ALALNLDPAL MKKSDPRDPT SLLFPESELS IRIGSTGLLS DKRENGEVYQ RKKVAATDLA EGVAPSGSMH GSSGQPGGSS WRRIALLLILA ITIHNIPEGL AVGVGFGAVE KTASATFESA RNLAIGIGIQ NFPEGLAVSL PLRGAGFSTW KAFWYQQLSG MVEPLAGVFG AFAVLAETPI LPYALAFAG AMVYVVMDDI IPEAQISGNG KLASWASILG FVMMSLDVG LG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SLC39A11
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Alternative Name:	Slc39a11 (SLC39A11 Products)
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Background:	Zinc transporter ZIP11 (Solute carrier family 39 member 11) (Zrt- and Irt-like protein 11) (ZIP-11),FUNCTION: Zinc importer that regulates cytosolic zinc concentration either via zinc influx from the extracellular compartment or efflux from intracellular organelles such as Golgi apparatus. May transport copper ions as well. The transport mechanism remains to be elucidated. {ECO:0000269 PubMed:23643525}.
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Molecular Weight:	35.5 kDa
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UniProt:	Q8BWY7
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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.
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Restrictions:	For Research Use only
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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