

Datasheet for ABIN7551628

SLC39A3 Protein (AA 1-314) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC39A3
Protein Characteristics:	AA 1-314
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC39A3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SLC39A3 Protein expressed in mammalian cells.
Sequence:	<p>MVKLLVAKIL CMVGVFFFML LGSLLPVKII ETDFEKAHRS KKILSLCNTF GGGVFLATCF</p> <p>NALLPAVREK LQKVLSLghi STDYPLAETI LLLGFFMTVF LEQLILTRK EKPSFIDLET</p> <p>FNAGSDVGSD SEYESPFMGG ARGHALYVEP HGHGPSLSVQ GLSRASPVRL LSLAFALSAH</p> <p>SVFEGALGL QEEGEKVVSL FVGVAVHETL VAVALGISMA RSAMPLRDAA KLAFTVSAMI</p> <p>PLGIGLGLGI ESAQGVPGSV ASVLLQGLAG GTFLFITFLE ILAKELEEKs DRLLKVLFLV</p> <p>LGYTVLAGMV FLKW 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.</p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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:	SLC39A3
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Alternative Name:	SLC39A3 (SLC39A3 Products)
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Background:	Zinc transporter ZIP3 (Solute carrier family 39 member 3) (Zrt- and Irt-like protein 3) (ZIP-3),FUNCTION: Transporter for the divalent cation Zn(2+). Mediates the influx of Zn(2+) into cells from extracellular space. Controls Zn(2+) accumulation into dentate gyrus granule cells in the hippocampus. Mediates Zn(2+) reuptake from the secreted milk within the alveolar lumen. {ECO:0000250 UniProtKB:Q99K24}.
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Molecular Weight:	33.6 kDa
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UniProt:	Q9BRY0
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Pathways:	NF-kappaB Signaling , Neurotrophin Signaling Pathway , Autophagy
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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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Application Details

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