

Datasheet for ABIN7551652

SLC39A13 Protein (AA 1-371) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC39A13
Protein Characteristics:	AA 1-371
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC39A13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC39A13 Protein expressed in mammalian cells.
Sequence:	MPGCPGCGG MAGPRLFLT ALALELLERA GGSQPALRSR GTATACRLDN KESESWGALL SGERLDTWIC SLLGSLMVGL SGVFLLVIP LEMGTMLRSE AGAWRLKQLL SFALGGLLGN VFLHLLPEAW AYTCSASPGG EGQSLQQQQ LGLWVIAGIL TFLALEKMFL DSKEEGTSQA PNKDPTAAAA ALNGGHCLAQ PAAEPGLGAV VRSIKVSGYL NLLANTIDNF THGLAVAASF LVSKIGLLT TMAILLHEIP HEVGDFAILL RAGFDRWSAA KLQLSTALGG LLGAGFAICT QSPKGVVGCSPAAEETAAWV LPFTSGGFLY IALVNVLPDL LEEEDPWRSLLQQLLLCAGI VVMVLFSLFV D 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.
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.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	SLC39A13
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Alternative Name:	SLC39A13 (SLC39A13 Products)
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Background:	Zinc transporter ZIP13 (LIV-1 subfamily of ZIP zinc transporter 9) (LZT-Hs9) (Solute carrier family 39 member 13) (Zrt- and Irt-like protein 13) (ZIP-13),FUNCTION: Functions as a zinc transporter transporting Zn(2+) from the Golgi apparatus to the cytosol and thus influences the zinc level at least in areas of the cytosol (PubMed:21917916, PubMed:23213233). May regulate beige adipocyte differentiation (By similarity). {ECO:0000250 UniProtKB:Q8BZH0, ECO:0000269 PubMed:21917916, ECO:0000269 PubMed:23213233}.
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Molecular Weight:	39.0 kDa
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UniProt:	Q96H72
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Pathways:	Transition Metal Ion Homeostasis
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Application Details

Application Notes:	We expect the protein to work for functional studies. 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