


[Go to Product page](#)

Datasheet for ABIN7545842  
**SLC30A9 Protein (AA 1-568) (His tag)**

### Overview

Quantity:	1 mg
Target:	SLC30A9
Protein Characteristics:	AA 1-568
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC30A9 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant SLC30A9 Protein expressed in mammalian cells.
Sequence:	MLPGLAAAAA HRCSSSLCR LRLRCRAAAC NPSSDRQEWQN LVTFGSFSNM VPCSHPYIGT LSQVKLYSTN VQKEGQGSQT LRVEKVPSFE TAEGIGTELK APLKQEPLQV RVKAVLKKRE YGSKYTQNNF ITGVRAINEF CLKSSDLEQL RKIRRRSPHE DTESFTVYLR SDVEAKSLEV WGSPEALARE KCLRKEAEIE YRERLFRNQK ILREYRDFLG NTKPRRTAS VFFKGPQKVV MVAICINGLN CFFKFLAWIY TGSASMFSEA IHSLSDTCNQ GLLALGISKS VQTPDPSHPY GFSNMRYISS LISGVGIFMM GAGLSWYHGV MGLLHPQPIE SLLWAYCILA GSLVSEGATL LVAVNELRRN ARAKGMSFYK YVMESRDPST NVILLEDATA VLGVIIAATC MGLTSITGNP LYDSLGLSLGV GTLLGMVSAF LIYTNTEALL GRSIQPEQVQ RLTELLENDP SVRAIHDVKA TDLGLGKVRV KAEVDFDGRV VTRSYLEKQD FDQMLQEIQE VKTPPEELETFLMKHGENIID TLGAEVDRLE KELKRNPEV RHDLEIL <b>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.</b>

## Product Details

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**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.

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**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.

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**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

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**Target:** SLC30A9

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**Alternative Name:** SLC30A9 ([SLC30A9 Products](#))

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**Background:** Proton-coupled zinc antiporter SLC30A9, mitochondrial (Human embryonic lung protein) (HuEL) (Solute carrier family 30 member 9) (Zinc transporter 9) (ZnT-9),FUNCTION: Mitochondrial proton-coupled zinc ion antiporter mediating the export of zinc from the mitochondria and involved in zinc homeostasis, zinc mobilization as well as mitochondrial morphology and health (PubMed:28334855, PubMed:34397090, PubMed:35614220, PubMed:34433664). In nucleus, functions as a secondary coactivator for nuclear receptors by cooperating with p160 coactivators subtypes. Plays a role in transcriptional activation of Wnt-responsive genes (By similarity). {ECO:0000250|UniProtKB:Q51RJ6, ECO:0000269|PubMed:28334855, ECO:0000269|PubMed:34397090, ECO:0000269|PubMed:34433664, ECO:0000269|PubMed:35614220}.

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**Molecular Weight:** 63.5 kDa

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## Target Details

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UniProt:	<a href="#">Q6PML9</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

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## Application Details

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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.
Restrictions:	For Research Use only

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## Handling

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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