

Datasheet for ABIN7560204
SLC41A3 Protein (AA 1-488) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC41A3
Protein Characteristics:	AA 1-488
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC41A3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Slc41a3 Protein expressed in mammalian cells.
Sequence:	<p>MEGTEARQRR LEGCGRLKEL GPLPSHDAGR LPKASEEGHL AVSESQLVDA KSLEAPPGRE TSLIIGFQVV IPFLLAGVGL SWAGLLLNYP QHWPVFKDVK DLMTLVPLV GLKGNLEMTL ASRLSTSANT GQIDDRQERY KISSNLAVV VQQATVVGLL AAVASLMLGT VSHEEFDWSK VALLCTSSVI TAFLAALALG ILMICIVIGA RKFVGNPDNI ATPAASLGD LITLSILALM SFFYSHKDT WYLTPLVCVG FLALTPLWLF IAKQNPPIMK ILKYGWFPPI LAMISSFEGG LILSKTISKH EFKGMVAVLTP VMCGVGGNLV AIQTSRISTF LHMWSTPGVL PVQMCRFWPN PCFIFCSSEI NSVSARVLLF LVVPGHLIFF YLICLVEGQS VTNSKIFILL YLVAGVVQVV ILLYLAEVTV RLTWHQALDP DNHCIPYLTG LGDLLGTSLL ALCFFLDWLL RGRANLQELV SELVSVPP 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

SLC41A3

Alternative Name:

Slc41a3 ([SLC41A3 Products](#))

Background:

Solute carrier family 41 member 3,FUNCTION: Na(+)/Mg(2+) ion exchanger that acts as a predominant Mg(2+) efflux system at the mitochondrial inner membrane.
{ECO:0000250|UniProtKB:Q96GZ6}.

Molecular Weight:

53.3 kDa

UniProt:

[Q921R8](#)

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.

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