

Datasheet for ABIN7546351

SLC37A3 Protein (AA 1-494) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC37A3
Protein Characteristics:	AA 1-494
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC37A3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC37A3 Protein expressed in mammalian cells.
Sequence:	MAWPNVFQRG SLLSQFSHHH VVFLLTFFS YSLHASKRT FSNVKVSIQ QWTPSAFNST VELPVEIWSS NHLFPSAEKA TLFLGTLDTI FLFSYAVGLF ISGIVGDRLN LRWVLSFGMC SSALVVFVFG ALTEWLRFYN KWLYCCLWIV NGLLQSTGWP CVVAVMGNWF GKAGRGVVFG LWSACASVGN ILGACCLASSV LQYGYEYAFV VTASVQFAGG IVIFFGLLVS PEEIGLSGIE AEENFEEDSH RPLINGGENE DEYEPNYSIQ DDSSVAQVKA ISFYQACCLP GVIPYSLAYA CLKLVNYSFF FWLPFYLSNN FGWKEAEADK LSIWYDVGGI IGGTLQGFIS DVLQKRAPVL ALSLLAVGS LIGYSRSPND KSNALLMTV TGFFIGGPSN MISSAISADL GRQELIQRSS EALATVTGIV DGSGSIGAAV GQYLVSLIRD KLGWMWVFYF FILMTSCTIV FISPLIVREI FSLVLRQAH ILRE 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

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:

SLC37A3

Alternative Name:

SLC37A3 ([SLC37A3 Products](#))

Background:

Sugar phosphate exchanger 3 (Solute carrier family 37 member 3),FUNCTION: Unlike the other SLC37 members, lacks glucose-6-phosphate antiporter activity (PubMed:21949678). In osteoclasts, forms a transporter complex with ATRAID for nitrogen-containing-bisphosphonates (N-BPs) required for releasing N-BP molecules that have trafficked to lysosomes through fluid-phase endocytosis into the cytosol (PubMed:29745899). {ECO:0000269|PubMed:21949678, ECO:0000269|PubMed:29745899}.

Molecular Weight:

54.5 kDa

UniProt:

[Q8NCC5](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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