

Datasheet for ABIN7558310

SLC34A3 Protein (AA 1-601) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC34A3
Protein Characteristics:	AA 1-601
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC34A3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc34a3 Protein expressed in mammalien cells.
Sequence:	<p>MPNSLAGGQV PNPTLDAFDL VDRSLRNAGI SGSIPGLEEG GTDPWTFSPK KNADQLKEVG</p> <p>MASRLRRVVS SFLKACGLLG SLYFFICSLD ILSSAFQLLG SKMAGDIFKD NVVLSNPVAG</p> <p>LVIGVLVTVL VQSSSTSSSI VSMVASKLL TVQVSVPIIM GNVVGTSTIS TLVSMAQSGD</p> <p>RDEFQRAFSG SAVHGIFNWL TVLVLLPLES ATAALERLSE LALGAASLQP GQQAPDILKA</p> <p>LTRPFTHLII QLDSSVITSG ITSNTTNSSL IKHWCGFRGE TPQGSSEGC LFSSTERNIS</p> <p>SASPEEDRLL CHHLFAGSKL TDLAVGFILL AGSLLVLCVC LVLIVKLLNS VLKGRIQAV</p> <p>KTVINADFPF PFGWLSGYLA ILVGAGLTFL LQSSSVFTAA IVPLMGVGV I DLERAYPLFL</p> <p>GSNIGTTTTA LLAALASPAD MLIFAVQVAL IHFFFNLAGI LLWYLVPLR LPIPLAKRFG</p> <p>NLTAQYRWVA IVYLLLTFL LPLAAGLSL AGGTVLAAG GPLVGLVLLI ILNVNLQQHR</p> <p>PSWLPRCLQS WAWLPLWLHS LEPWDRLVTA CCPCRACSNS PMTSKVAHCY ENPQVIASQQ L</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

expression system, a different complexity of the protein could make another tag necessary.
In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SLC34A3
Alternative Name:	Slc34a3 (SLC34A3 Products)
Background:	<p>Sodium-dependent phosphate transport protein 2C (Sodium-phosphate transport protein 2C) (Na(+)-dependent phosphate cotransporter 2C) (Sodium/phosphate cotransporter 2C) (Na(+)/Pi cotransporter 2C) (NaPi-2c) (Solute carrier family 34 member 3),FUNCTION: Involved in actively transporting phosphate into cells via Na(+) cotransport in the renal brush border membrane (PubMed:12690469, PubMed:16113079). The cotransport has a Na(+):Pi stoichiometry of 2:1 and is electroneutral (PubMed:16113079).</p> <p>{ECO:0000269 PubMed:12690469, ECO:0000269 PubMed:16113079}.</p>
Molecular Weight:	63.9 kDa
UniProt:	Q80SU6

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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Restrictions:	For Research Use only
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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