

Datasheet for ABIN7561292

SLC34A2 Protein (AA 1-697) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC34A2
Protein Characteristics:	AA 1-697
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC34A2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc34a2 Protein expressed in mammalian cells.
Sequence:	<p>MAPWPELENA QPNPGKFIEG ASGPQSSIPA KDKEASKTND NGTPVAKTEL LPSYSALVLI</p> <p>EEHPEGTDPW DLPELQDTGI KWSERDTKGK TLCIFQGVGK FILLGFLYL FVCSLDVLSS</p> <p>AFQLVGGKVA GQFFSNNSIM SNPVAGLVIG VLVTVMVQSS STSSSIIVSM VASSLLTVRA</p> <p>APIIMGANI GTSITNTIVA LMQAGDRNEF RRAFAGATVH DFFNWLSVFV LLPLEAATHY</p> <p>LEILTNLVLE TFKFQNGEDA PDILKVITDP FTKLIQLDK KVIQIAMGD SAAQNKSLIK IWCKSITNVT</p> <p>EMNVTVPSTD NCTSPSYCWT DGIQTWTIQN VTQKENIAKQ QHIFVNFSLP DLAVGIILLT</p> <p>VSLVVLGCL IMIVKLLGSV LRGQVATVIK KTLNTDFPFP FAWLTGYLAI LVGAGMTFIV</p> <p>QSSSVFTSAM TPLIGIGVIS IERAYPLTLG SNIGTTTTAI LAALASPGNT LRSSLQIALC HFFFNISGIL</p> <p>LWYPIPFTRL PIRLAKGLGN ISAKYRWEAV FYLIFFFFVT PLTVFGLSLA GWPVLVGVGV</p> <p>PIILLLLVL CLRMLQFRCP RILPLKLRDW NFLPLWMHSL KPWDNVISLA TTCFQRRCCC</p> <p>CCRVCCRVCC MCVGCKCCRC SKCCRDQGEE EEEKEQDIPV KASGAFDNAA MSKECQDEGK</p>

GQVEVLSMKA LSNTTVF **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.**

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:	SLC34A2
Alternative Name:	Slc34a2 (SLC34A2 Products)
Background:	<p>Sodium-dependent phosphate transport protein 2B (Sodium-phosphate transport protein 2B) (Na(+)-dependent phosphate cotransporter 2B) (Sodium/phosphate cotransporter 2B) (Na(+)/Pi cotransporter 2B) (NaPi-2b) (Solute carrier family 34 member 2),FUNCTION: Involved in actively transporting phosphate into cells via Na(+) cotransport.</p> <p>{ECO:0000269 PubMed:15701623, ECO:0000269 PubMed:15701624, ECO:0000269 PubMed:9826740}.</p>
Molecular Weight:	76.2 kDa
UniProt:	Q9DBP0

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.
--------------------	--

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