

Datasheet for ABIN7546902

SLC7A4 Protein (AA 1-635) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC7A4
Protein Characteristics:	AA 1-635
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC7A4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SLC7A4 Protein expressed in mammalian cells.
Sequence:	MARGLPITAS LARLCQKLNK LKPLEDSTME TSLRRCLSTL DLTLGVGGM VGSGLYVLTG AVAKEVAGPA VLLSFGVAAV ASLLAALCYA EFGARVPRTG SAYLFTYVSM GELWAFLIGW NVLEIYIGG AAVARAWSGY LDSMFHSIR NFTETHVGSW QVPLLGHYPD FLAAGIILLA SAFVSCGARV SSWLNHTFSA ISLLVILFIV ILGFILAQPH NWSADEGGFA PFGFSGVMAG TASCFYAFVG FDVIAASSEE AQNPRRSVPL AIAISLAIAA GAYILVSTVL TLMVPWHSLD PDSALADAFY QRGYRWAGFI VAAGSICAMN TVLLSLLFSL PRIVYAMAAD GLFFQVFAHV HPRTQVPVAG TLAFGLLTAF LALLLDLESL VQFLSLGTLL AYTFVATSII VLRFAQSSPP SSPGPASPGR LTKQSSFSF HLQLVGTVHA SVPEPGELKP ALRPLYGLFD GYSPGAVVTW ALGVMLASAI TIGCVLVFGN STLHLPHWGY ILLLLLTSMV FLLSLLVLGA HQQQYREDLF QIPMVPLIPA LSIVLNICLM LKLSYLTWVR FSIWLLMGLA VYFGYGIRHS KENQRELPG NSTHYVVFPR GSLEETVQAM QPPSQAPAQD PGHME Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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 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:	SLC7A4
Alternative Name:	SLC7A4 (SLC7A4 Products)
Background:	Cationic amino acid transporter 4 (CAT-4) (CAT4) (Solute carrier family 7 member 4),FUNCTION: Involved in the transport of the cationic amino acids (arginine, lysine and ornithine).
Molecular Weight:	68.3 kDa
UniProt:	O43246

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