

Datasheet for ABIN7556242

Slc22a21 Protein (AA 1-564) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Slc22a21 (SLC22A21)
Protein Characteristics:	AA 1-564
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Slc22a21 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc22a21 Protein expressed in mammalian cells.
Sequence:	<p>MLDYDEVTAFLGEWGTFQRLIFFLLSASII PNGFTGLSAV FLTAIPEHRC RIPDTVNLSS</p> <p>AWRNHSIPME TKDGPEVPQK CRRYRLATIA NFSELGLEPG RDVDLEQLEQ ENCLDGWEYD</p> <p>KDIFLSTIVT EWDLVCKDDW KAPLTTSFFY VGVLLGSFIS GQLSDRFGRK NILFLTMAMH</p> <p>TGFSFIQVFS VNFEMFTLLY TLVGMGHISN YVAAFVLGTE MLSKSVRIIF ATLGVCIFFA</p> <p>FGFMVLPLFA YFIREWRRLL LAITLPGVLC GALWWFIPES PRWLISQGRI KEAEVIIRKA</p> <p>AKINGIVAPS TIFDPSETNK LQDDSSKKPQ SHHIYDLVRT PNIRILTIMS IILWLTISVG</p> <p>YFGLSLDTPN LNGNIYVNCFLA AAVEVPAY VLAWLLQHV SRRYSMAGSL FLGGSVLLLV</p> <p>QLVPSDLHYL STTLVMVGKF GITSAYSMVY VYTAELYPTV VRNMGVGVSS TASRLGSILS</p> <p>PYFVYLGAYD RRLPYILMGS LTILTAITL FPESSGVSL PETIDEMQKV KKLKQRQSLS</p> <p>KKGSPKESKG NVSRTSRTSE PKGF Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</p>

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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	Slc22a21 (SLC22A21)
Alternative Name:	Slc22a21
Background:	<p>Solute carrier family 22 member 21 (Organic cation/carnitine transporter 3) (Solute carrier family 22 member 9),FUNCTION: Sodium-ion independent, medium affinity carnitine transporter. Also transports organic cations such as tetraethylammonium (TEA) without the involvement of sodium. Relative uptake activity ratio of carnitine to TEA is 746. {ECO:0000269 PubMed:11010964}.</p>
Molecular Weight:	63.3 kDa
UniProt:	Q9WTN6

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
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Application Details

	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