

Datasheet for ABIN7549504

SLC16A5 Protein (AA 1-505) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC16A5
Protein Characteristics:	AA 1-505
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC16A5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SLC16A5 Protein expressed in mammalian cells.
Sequence:	<p>MPQALERADG SWAWVLLAT MVTQGLTLGF PTCIGIFFTE LQWEFQASNS ETSWFPSILT</p> <p>AVLHMAGPLC SILVGRFGCR VTMMLGGVLA SLGMVASSFS HNLSQLYFTA GFITGLGMCFL</p> <p>SFQSSITVLG FYFVRRRVLA NALASMGVSL GITLWPLLSR YLLENLGWRG TFLVFGGIFL</p> <p>HCCICGAIIR PVATSVAPET KECPPPPPET PALGCLAACG RTIQRHLAFD ILRHNTGYCV</p> <p>YILGVMWSVL GFPLPQVFLV PYAMWHSVDE QQAALLISII GFSNIFLRPL AGLMAGRPAF</p> <p>ASHRKYLFSL ALLNGLTNL VCAASGDFWV LVGYCLAYSV MSGIGALIF QVLMDIVPMD</p> <p>QFPRALGLFT VLDGLAFLIS PPLAGLLDA TNNFSYVFYM SSFFLISAAL FMGGSFYALQ</p> <p>KKEQGKQAVA ADALERDLFL EAKDGPQKQR SPEIMCQSSR QPRPAGVKNH LWGCPASSRT</p> <p>SHEWLLWPKA VLQAKQTALG WNSPT</p> <p>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.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <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).
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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, Western Blot
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Grade:	custom-made
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Target Details

Target:	SLC16A5
Alternative Name:	SLC16A5 (SLC16A5 Products)
Background:	Monocarboxylate transporter 6 (MCT 6) (Monocarboxylate transporter 5) (MCT 5) (Solute carrier family 16 member 5),FUNCTION: Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate (By similarity). {ECO:0000250}.
Molecular Weight:	55.0 kDa
UniProt:	O15375

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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Application Details

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