

Datasheet for ABIN7555301

SLC28A3 Protein (AA 1-691) (His tag)



[Go to Product page](#)

Overview

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| Quantity: | 1 mg |
| Target: | SLC28A3 |
| Protein Characteristics: | AA 1-691 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SLC28A3 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat SLC28A3 Protein expressed in mammalian cells. |
| Sequence: | <p>MELRSTAAPR AEGYSNVGFQ NEENFLENEN TSGNNSIRSR AVQSREHTNT KQDEEQVTVE</p> <p>QDSPRNREHM EDDDEEMQQK GCLERRYDTV CGFCRKHKT LRHIIWGILL AGYLV MVISA</p> <p>CVLNFHRLP LFVITVAAIF FVVDHLMAL YEHRIDEMLS PGRRLNLSHW FWLKWVWSS</p> <p>LVLAVIFWLA FDTAKLGQQQ LVSFGLIMY IVLLFLFSKY PTRVYWRPVL WGIGLQFLLG</p> <p>LLILRTDPGF IAFDWLGRQV QTFLEYTDAG ASFVFGEKYK DHFFAFKVLP IVVFFSTVMS</p> <p>MLYYLGLMQW IIRKVGWIML VTTGSSPIES VVASGNIFVG QTESPLLVRP YLPYITKSEL</p> <p>HAIMTAGFST IAGSVLGAYI SFGVPSSHL TASVMSAPAS LAAAKLFWPE TEKPKITLKN</p> <p>AMKMESGDSG NLLEAATQGA SSSISLVANI AVNLIAFLAL LSFMSALSWS FGNMFDYPQL</p> <p>SFELICSYIF MPFSFMMGVE WQDSFMVARL IGYKTFNEF VAYEHLKWI HLRKEGGPKF</p> <p>VNGVQQYISI RSEIIATYAL CGFANIGSLG IVIGGLTSMA PSKRDIASG AVRALIAGTV</p> <p>ACFMTACIAG ILSSTPVDIN CHHVLENAFN STFPGNNTTKV IACCQSLSS TVAKGPGEVI</p> |

PPGNHSLYSL KGCCTLLNPS TFNCNGISNT F **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.**

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| 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

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| Target: | SLC28A3 |
| Alternative Name: | SLC28A3 (SLC28A3 Products) |
| Background: | <p>Solute carrier family 28 member 3 (Concentrative Na⁽⁺⁾-nucleoside cotransporter 3) (CNT 3) (hCNT3),FUNCTION: Sodium-dependent, pyrimidine- and purine-selective (PubMed:11032837, PubMed:15861042, PubMed:16446384, PubMed:17140564, PubMed:21998139). Involved in the homeostasis of endogenous nucleosides (PubMed:11032837, PubMed:15861042). Exhibits the transport characteristics of the nucleoside transport system cib or N3 subtype (N3/cib) (with marked transport of both thymidine and inosine) (PubMed:11032837). Employs a 2:1 sodium/nucleoside ratio (PubMed:11032837). Transports uridine (PubMed:21795683). Also able to transport gemcitabine, 3'-azido-3'-deoxythymidine (AZT), ribavirin and 3-deazauridine (PubMed:11032837, PubMed:17140564). {ECO:0000269 PubMed:11032837,</p> |

Target Details

ECO:0000269|PubMed:15861042, ECO:0000269|PubMed:16446384,
ECO:0000269|PubMed:17140564, ECO:0000269|PubMed:21795683,
ECO:0000269|PubMed:21998139}.

Molecular Weight: 76.9 kDa

UniProt: [Q9HAS3](#)

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