

Datasheet for ABIN7559333

SLC36A4 Protein (AA 1-500) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC36A4
Protein Characteristics:	AA 1-500
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC36A4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc36a4 Protein expressed in mammalian cells.
Sequence:	<p>MEAPAPAETA GCEELDMDVM RPLINEQNFD GSSDEEQEQT LVPIQKHYQL DGQHGISFLQ</p> <p>TLVHLLKGNI GTLLGLPLA IKNAGIVLGP ISLVFIGIIS VHCMHILVRC SHFLCQRFFK</p> <p>STLGYSDTV S FAMEASPWSC LQRQAAWGRQ VVDFFLVITQ LGFCSVYIVF LAENVKQVHE</p> <p>GFLGSTPIVS NGSDL SHACE RRSVDLRVYM LCFLPLIILL VFIRELKNLF VLSFLANISM</p> <p>AASLVIIYQY VVRNMPDPHN LPIVAGWKYK PLFFGTAVFA FEGIGVVLPL ENQMRESKRF</p> <p>PQALNIGMAI VTVLYISLAT LGYMCFRDEI KGSITLNLQP DMWLYQSVKI LYSFGIFVTY</p> <p>SIQFYVPAEI IIPGVTARLH AKWKRICFEG IRSLLVSITR AGAILIPRLD IVISFVGAVS SSTLALILPP</p> <p>LVEILTFSKD HYNIWMLKN ISIAFTGVVG FLLGTYVTVE EIIYPTTAVV AGTSQSPFLN</p> <p>VNSTCITSGL 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:	SLC36A4
Alternative Name:	Slc36a4 (SLC36A4 Products)
Background:	Neutral amino acid uniporter 4 (Solute carrier family 36 member 4),FUNCTION: Uniporter that mediates the transport of neutral amino acids like L-tryptophan, proline and alanine. The transport activity is sodium ions-independent, electroneutral and therefore functions via facilitated diffusion. {ECO:0000250 UniProtKB:Q6YBV0}.
Molecular Weight:	55.4 kDa
UniProt:	Q8CH36

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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Restrictions:	For Research Use only
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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