

Datasheet for ABIN7558685
SLC45A1 Protein (AA 1-751) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC45A1
Protein Characteristics:	AA 1-751
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC45A1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc45a1 Protein expressed in mammalien cells.
Sequence:	MIPPASSTPP GEAVIPSVAP QDFWRSPISS YSGSVTGHIS HRANNFKRHP KRRKYIRPSP PPPPNTPCPI ELVDFGDLHP QRSFWELLFN GCILFGIEFS YAMETAYVTP VLLQMGLPDQ LYSLVWFISP ILGFLQLPLL GAWSDRCTSR FGRRRPFILV LAIGALLGLS LLLNGRDIGM ALADTATNHK WGILLTVCGV VLMDFSADSA DNPSHAYMMD VCGPVDQDRG LNIHALMAGL GGGFGYVVGG IHWDKTSFGR ALGGQLRVII VFTAITLSVT TVLTLSIPE RPLRPLGEKR TAMKSPSLPL PPSPVLEE GAGDALPSTT ATSLYASFSS PISPPSPLTP KYGSFISRDS SLTGINEFAS SFGTSNIDSV LIDCFTAGHD NYLALPSSVP RQAISVSFPR APDGFYCQER GLERREGPLT LGSDGDVLRV GSLDTSKPRA SGILKRPQTL ALPDVAGGNG PETSRRRNVT FSQQVANILL NGVKYESELT GSSEQSEQPL SLRHLCSTIY NMPKALRNLC VNHFLGWLSF EGMLLFYTDF MGEVVFQGDP KAPHTSEAYQ KYNSGVTMGC WGMCIYAFSA AFYSAILEKL EECLSVRTLY FIAYLAFGLG TGLATLSRNL YVVLSLCTTY GILFSTLCTL PYSLLCDYYQ

SKKFAGSSAD GTRRGMGVDI SLLSCQYFLA QILVSLVLGP LTSAVGSANG VMYFSSLVSF
LGCLYSSLCV TYEIPSVDAE DEERQPLLLN V **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.**

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
Grade:	custom-made

Target Details

Target:	SLC45A1
Alternative Name:	Slc45a1 (SLC45A1 Products)
Background:	Proton-associated sugar transporter A (PAST-A) (Deleted in neuroblastoma 5 protein homolog) (DNb-5 homolog) (Solute carrier family 45 member 1),FUNCTION: Proton-associated glucose transporter in the brain. {ECO:0000250 UniProtKB:Q8K4S3}.
Molecular Weight:	81.5 kDa
UniProt:	Q8BIV7

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