

Datasheet for ABIN7558857

SLC43A1 Protein (AA 1-564) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC43A1
Protein Characteristics:	AA 1-564
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC43A1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Slc43a1 Protein expressed in mammalian cells.
Sequence:	MAPTLKQAYR RRWWMACTAV VENLFFSAVL LGWASLLIML KKEGFYSSLC PAENRTNTTQ DEQHQTSCD QQEKMLNLGF TIGSFLLSAT TLPLGILMDR FGPRPLRLVG SACFAASCTL MALASRDTEV LSPLIFLALS LNGFAGICLT FTSLTLPNMF GNLIRSTFMAL MIGSYASSAI TTPGIKLIYD AGVPFTVIMF TWISGLACLI LNCALNWP AE AFPAPEEVDY TKKIKLIGLA LDHKVTGDRF YTHVTIVGQR LSQKSPSLEE GADAFISSPD IPGTSEETPE KSVPRKSLC SPIFLWSLVT MGMTQLRVIF YMGAMNKILE FIVTGGKERE TNEQRQKVEE TVEFYSSIFG VMQLLCLLTC PLIGYIMDWR IKDCVDAPTE GTLNENASFG DARDGASTKF TRPRYRKVQK LTNAINAFTL TNILLVGFGI ACLIKNLHLQ LLAFLVHTIV RGFFHSACGG LYAAVFPSNH FGTLTGLQSL ISAVFALLQQ LLFMAMVGPL HGDPFWVNLG LLLLSFLGFL LPSYLYYRS RLQREYATNL VDPQKVLNTS KVAT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein

Product Details

could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits: • 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). 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.
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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:	SLC43A1
Alternative Name:	Slc43a1 (SLC43A1 Products)
Background:	Large neutral amino acids transporter small subunit 3 (L-type amino acid transporter 3) (Solute carrier family 43 member 1),FUNCTION: Uniport that mediates the transport of neutral amino acids such as L-leucine, L-isoleucine, L-valine, and L-phenylalanine (PubMed:17322374). The transport activity is sodium ions-independent, electroneutral and mediated by a facilitated diffusion (PubMed:17322374). {ECO:0000269 PubMed:17322374}.
Molecular Weight:	62.6 kDa
UniProt:	Q8BSM7

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