

Datasheet for ABIN7561491
Slc5a4a Protein (AA 1-656) (His tag)



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Overview

Quantity:	1 mg
Target:	Slc5a4a (SLC5A4A)
Protein Characteristics:	AA 1-656
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Slc5a4a protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc5a4a Protein expressed in mammalien cells.
Sequence:	MASTASVSTS TASSELSSLS NNINNAADIS VIVIYFVVVM AVGVWAMLKT NRSTVGGFFL AGRSMTWWPM GASLFASNIG SGHFVGLAGT GAASGIAVTA FESHSFALLL VLGWIFVPIY IKAGVMTMPE YLKKRFGGKR LQIYLSILFL FICVILTISA DIFSGAIFIK LALGLNLYLA ILILLAITAI FTITGGLASV IYDQTVQAVI MLVGSFILMV FAFVEVGGYE SFTEKFMNAI PSVVEGDNLT INSRCYTPQP DSFHIFRDPV TGDIPWPGTA FGMPITALWY WCINQVIVQR CLCGKNLSHV KAACILCGYL KLLPLFFMVM PGMISRILYT DMVACVVPSE CVKHCGVDVG CTNYAYPMLV LKLMPMGLRG LMLSVMLASL MSSLTSVFNS ASTLFTIDLY TKIRKASER ELLIAGRLFV SVLIVTSILW VPIVEVSQGG QLVHYTEAIS SYLGPPIAAV FLVAVFCKRA NEQGAFWGLM VGLVMGLIRM IAESYGTGS CLAPSSCPKI ICGVHYLYFA IILFFVCILV ILGVSYLTKP IPDVHLHRLC WALRNSKEER IDLDAEDKEE NGADDRTEED QTEKPRGCLK KTCDFCGLQ RAEFKLTKVE EEALTDTEK PFWRTVMNVN VILLLAVAAF FYGYFA 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:

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Slc5a4a (SLC5A4A)

Alternative Name:

Slc5a4a

Background:

Solute carrier family 5 member 4A (SGLT3-a),FUNCTION: Does not function as sodium/D-glucose symporter (PubMed:22301059). Generates D-glucose-induced depolarization in a pH-dependent manner, with activity in acidic conditions (pH 5) but not neutral conditions (PubMed:22301059). {ECO:0000269|PubMed:22301059}.

Molecular Weight:

71.9 kDa

UniProt:

[Q9ET37](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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