

Datasheet for ABIN7558748
NHE7 Protein (AA 1-726) (His tag)



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Overview

Quantity:	1 mg
Target:	NHE7 (SLC9A7)
Protein Characteristics:	AA 1-726
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NHE7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Slc9a7 Protein expressed in mammalian cells.
Sequence:	MEPSDAARPG PGRAFRGLSP RLLLLPLLPV LLGRGLRAGA AASSGAAAED SSAMEELATE KEAEESHRQD SVSLTIFILL LTLTILTIWL FKHRRVRFLH ETGLAMIYGL IVGVILRYGT PATSGHDKSL SCTQEDRAFS TLLVNVSGKF FEYTLKGEIS PGKINNVEQN DMLRKVTFDP EVFFNILLPP IIFHAGYSLK KRHFFRNLS ILAYAF LGTA VSCFIIGNLM YGVVKLMKIV GQLSDKFYIT DCLFFGAIIS ATDPVTVLAI FNLHADVDL YALLFGESVL NDAVAIVLSS SIVAYQPAGL NTHAFDAAAF FKSVGIFLGI FSGSFTMGAV TGVVTALVTK FTKLHCFPLL ETALFFLMSW STFLLAECG FTGVVAVLFC GITQAHYTYN NLSVESRSRS KQLFEVLHFL AENFISYMG LALFTFQKHV FSPIFIIGAF VAIFLGRAAH IYPLSFFLNL GRRHKIGWNF QHMMMFSGLR GAMAFALAIR DTASYARQMM FTTTLLIVFF TVWVIGGGTT PMLSWLNIRV GVEELSEEDQ NENRWQYFRV GVDPDQDPPP NNSDFQVLQG DGMDSVGGSR TKQESAWIFR LWYIFDHNYL KPILTHSGPP LTTTLPAWCG LLARCLTSPQ VYDNQEPLRE DDSDFILTEG

DLTLTYGDST VTANGSSSSY TASTSLECGR RTKSSSEEV LERDLGMGDQK VSSRGTPLVF
PLQENA **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.
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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:	NHE7 (SLC9A7)
Alternative Name:	Slc9a7 (SLC9A7 Products)
Background:	Sodium/hydrogen exchanger 7 (Na(+)/H(+) exchanger 7) (NHE-7) (Solute carrier family 9 member 7),FUNCTION: Golgi Na(+), K(+)/(H+) antiporter. Mediates the electroneutral influx of Na(+) or K(+) in exchange for H(+). May contribute to the regulation of Golgi apparatus volume and pH . {ECO:0000250 UniProtKB:Q96T83}.
Molecular Weight:	80.3 kDa
UniProt:	Q8BLV3

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