

Datasheet for ABIN7561512
SLC9A3R2 Protein (AA 1-337) (His tag)



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Overview

Quantity:	1 mg
Target:	SLC9A3R2
Protein Characteristics:	AA 1-337
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC9A3R2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Nherf2 Protein expressed in mammalien cells.
Sequence:	MAAPESLRPR LCRLVRGEQG YGFHLHGEKG RRGQFIRRV E PGSPAEEAAL RAGDRLVEVN GVNVEGETHH QVQRIKAVE GQTQLLVVDK ETDEELCRRQ LTCTEEMAH R GLPPAHNPWE PKPDWACSGS LGS DTGQKDV NGPPREL RPR LCHLRRGPQG YGFNLHSDKS RPGQYIRSVD PGSPASHSGL RAQDR LIEVN GQNVEGLRHA EVVARIKAQE DEARLLV VDP ETDEHFKRLR VVPTEEHVEG PLPSPVTNGT SPAQLNGGSV CSSRSDLP GS EKDNE DGSTW KRDPFQESGL HLSPTAAEAK EKARATRVNK RAPQMDWNRK REIFSNF 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:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SLC9A3R2
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Alternative Name:	Nherf2 (SLC9A3R2 Products)
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Background:	Na(+)/H(+) exchange regulatory cofactor NHE-RF2 (NHERF-2) (NHE3 kinase A regulatory protein E3KARP) (Octs2) (SRY-interacting protein 1) (SIP-1) (Sodium-hydrogen exchanger regulatory factor 2) (Solute carrier family 9 isoform A3 regulatory factor 2) (Tyrosine kinase activator protein 1) (TKA-1),FUNCTION: Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May also act as scaffold protein in the nucleus (By similarity). {ECO:0000250}.
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Molecular Weight:	37.4 kDa
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UniProt:	Q9JHL1
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Application Details

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