

Datasheet for ABIN7549757

SLC9A3R2 Protein (AA 1-337) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SLC9A3R2
Protein Characteristics:	AA 1-337
Origin:	Human
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 mammalian cells.
Sequence:	MAAPEPLRPR LCRLVRGEQG YGFHLHGEKG RRGQFIRRV E PGSPAEEAAL RAGDRLVEVN GVNVEGETHH QVQRIKAVE GQTRLLVVDQ ETDEELRRRQ LTCTEEMAQR GLPPAHPWE PKPDWAHTGS HSSEAGKKDV SGPLRELPR LCHLRKGPQG YGFNLHSDKS RPGQYIRSVD PGSPAARSGL RAQDRLIEVN GQNVEGLRHA EVVASIKARE DEARLLVVDP ETDEHFKRLR VTPTEEHVEG PLPSPVTNGT SPAQLNGGSA CSSRSDLPGS DKDTEGSAW KQDPFQESGL HLSPTAAEAK EKARAMRVNK 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

Grade: custom-made

Target Details

Target: SLC9A3R2

Alternative Name: NHERF2 ([SLC9A3R2 Products](#))

Background: Na(+)/H(+) exchange regulatory cofactor NHE-RF2 (NHERF-2) (NHE3 kinase A regulatory protein E3KARP) (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 (PubMed:18829453). May also act as scaffold protein in the nucleus. {ECO:0000269|PubMed:10455146, ECO:0000269|PubMed:18829453, ECO:0000269|PubMed:9096337}.

Molecular Weight: 37.4 kDa

UniProt: [Q15599](#)

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.

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
