

[Go to Product page](#)

Datasheet for ABIN7560408
PDZD3 Protein (AA 1-498) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | PDZD3 |
| Protein Characteristics: | AA 1-498 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PDZD3 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|--|
| Purpose: | Custom-made recombinat Nherf4 Protein expressed in mammalian cells. |
| Sequence: | MEAAADLRDT ALLTLKFKFN PRLGIDNPVL SLAEDQDQSD PWNLHRPRFC LLSKEEEKTF GFHLQQLGK ADHVVCVDP GTSAQRQLR EGDRILAVNN NIVAHEDHAV VVRYIRASGP RVLLTVLAQH VHDVARVLQG SDAFLCPTLP SGVRPRLCHV VKDEGGFGFS VTHGSRGPFW LVLSAGGAAE RAGVPPGARL LEVNGASVEK LTYNQLNRKL WQSGDQVTLL VAGLEVEEQC HQLGMPLAAP LAEGWALPAK PRCLNIEKGP EGFGLLREE KGLDGRGQF LWDVDPGLPA DKAGMKAGDR LVAVAGESVD GLGHEETVSR IRAQGSCVSL IVDPEADRF FSMVRLSPLL FLENTEIAAP PLAETKDLPV EDTVEPSGLA GSCQCFLYPG PGGGYGFRLC CVASGPCLFI SQVTPGGSTA RAGLQVGDTV LEVNGYPVGG DSELDRLQL TEAEPPLCLK LGARNPQGLE AWISLESGED WTLASELL 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. |

Product Details

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:

PDZD3

Alternative Name:

Nherf4 ([PDZD3 Products](#))

Background:

Na(+)/H(+) exchange regulatory cofactor NHE-RF4 (NHERF-4) (Natrium-phosphate cotransporter IIa C-terminal-associated protein 2) (Na/Pi cotransporter C-terminal-associated protein 2) (NaPi-Cap2) (PDZ domain-containing protein 2) (PDZ domain-containing protein 3) (Sodium-hydrogen exchanger regulatory factor 4),FUNCTION: Acts as a regulatory protein that associates with GUCY2C and negatively modulates its heat-stable enterotoxin-mediated activation (By similarity). Stimulates SLC9A3 activity in the presence of elevated calcium ions (By similarity). {ECO:0000250|UniProtKB:Q86UT5}.

Molecular Weight:

53.5 kDa

UniProt:

[Q99MJ6](#)

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