

Datasheet for ABIN7547341

Epsin 1 Protein (EPN1) (AA 1-576) (His tag)



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Overview

Quantity:	1 mg
Target:	Epsin 1 (EPN1)
Protein Characteristics:	AA 1-576
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Epsin 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EPN1 Protein expressed in mammalian cells.
Sequence:	<p>MSTSSLRRQM KNIVHNYSEA EIKVREATSN DPWGPSSSLM SEIADLTYNV VAFSEIMSMI WKRLNDHGKN WRHVYKAMTL MEYLIKTGSE RVSQQCKENM YAVQTLKDFQ YVDRDGKDQG VNVREKAKQL VALLRDEDRL REERAHALKT KEKLAQTATA SSAAVGSGPP PEAEQAWPQS SGEEELQLQL ALAMSKEEAD QPPSCGPEDD AQLQLALSLS REEHDKEERI RRGDDLRLQM AIEESKRETG GKEESSLMDL ADVFTAPAPA PTTDPWGGPA PMAAAVPTAA PTSDPWGGPP VPPAADPWGG PAPTPASGDP WRPAAPAGPS VDPWGGTPAP AAGEGTPDP WGSSDGGVPP SGPSASDPWT PPAFSDPWG GSPAKPSTNG TTAAGGFDTE PDEFSDFDRL RTALPTSGSS AGELELLAGE VPARSPGAFD MSGVRGSLAE AVGSPPPAAT PTPTPTRKT PESFLGPNA LVDLDSLVS R PGTPPGAKA SNPFLPGGGP ATGPSVTNPF QPAPPATLTL NQLRLSPVPP VPGAPPTYIS PLGGGGLPP MMPPGPPAPN TNPFL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</p>

Product Details

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:

Epsin 1 (EPN1)

Alternative Name:

EPN1 ([EPN1 Products](#))

Background:

Epsin-1 (EH domain-binding mitotic phosphoprotein) (EPS-15-interacting protein 1),FUNCTION: Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2). Modifies membrane curvature and facilitates the formation of clathrin-coated invaginations (By similarity). Regulates receptor-mediated endocytosis (PubMed:10557078, PubMed:10393179). {ECO:0000250|UniProtKB:O88339, ECO:0000269|PubMed:10393179, ECO:0000269|PubMed:10557078}.

Molecular Weight:

60.3 kDa

UniProt:

[Q9Y6I3](#)

Pathways:

[EGFR Signaling Pathway](#), [EGFR Downregulation](#)

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
