

Datasheet for ABIN7547453

Epsin 2 Protein (EPN2) (AA 1-641) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Epsin 2 (EPN2)
Protein Characteristics:	AA 1-641
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Epsin 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat EPN2 Protein expressed in mammalian cells.
Sequence:	<p>MTTSSIRRQM KNIVNNYSEA EIKVRETSN DPWGPSSSLM TEIADLTYNV VAFSEIMSMV</p> <p>WKRLNDHGKN WRHVYKALT LDYLIKTGSE RVAQQCRENI FAIQLKDFQ YIDRDGKDQG</p> <p>INVREKSKQL VALLKDEERL KAERAQALKT KERMAQVATG MGSNQITFGR GSSQPNLSTS</p> <p>HSEQEYGKAG GSPASYHGSP EASLCPQHRT GAPLGQSEEL QPLSQRHPFL PHLGLASRPN</p> <p>GDWSQPCLTC DRAARATSPR VSSELEQARP QTSGEELQL QLALAMSREV AEQEERLRRG</p> <p>DDLRLQMALE ESRRDTV KIP KKKEHGSLPQ QTLLDLMDA LPSSGPAAQK AEPWGPSAST</p> <p>NQTNPWGGPA APASTDPWP SFGTKPAASI DPWGVPTGAT VQSVPKNSDP WAASQQPASS</p> <p>AGKRASDAWG AVSTTKPVSV SGSFELFSNL NGTIKDDFSE FDNLRTSKKT AESVTSLSQ</p> <p>NNGTTSPDPF ESQPLTVASS KPSSARKTPE SFLGPNAALV NLDSLVRPA PPAQSLNPFL</p> <p>APGAPATSAP VNPFFQVNPQ PLTLNQLRGS PVLGTSTSGF PGPGVESMAV ASMTSAAPQP</p> <p>ALGATGSSLT PLGPAMNMV GSVGIPPSAA QATGTTNPFL L Sequence without tag. The</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	Epsin 2 (EPN2)
Alternative Name:	EPN2 (EPN2 Products)
Background:	Epsin-2 (EPS-15-interacting protein 2),FUNCTION: Plays a role in the formation of clathrin-coated invaginations and endocytosis. {ECO:0000269 PubMed:10567358}.
Molecular Weight:	68.5 kDa
UniProt:	O95208
Pathways:	EGFR Downregulation

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