

Datasheet for ABIN7560309

PACSIN3 Protein (AA 1-424) (His tag)



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Overview

Quantity:	1 mg
Target:	PACSIN3
Protein Characteristics:	AA 1-424
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PACSIN3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pacsin3 Protein expressed in mammalian cells.
Sequence:	<p>MAPEEDAGGE VLGGSFWEAG NYRRTVQRVE DGHRLCGDLV SCFQERARIE KAYAQQLADW ARKWRGAVEK GPQYGTLEKA WHAFFTAAER LSELHLEVRE KLHGPDSESV RTWQRGAFHR PVLGGFRESR AAEDGFRKAQ KPWLKRLKEV EASKKSYHTA RKDEKTAQTR ESHAKADSSM SQEQLRKLQE RVGRCTKEAE KMKTQYEQTL AELNRYTPRY MEDMEQAFES CQAAERQRL FFKDVLTLH QHLDLSSSDK FHELHRDLQQ SIEAASDEED LRWWRSTHGP GMAMNWPQFE EWSLDTQRAI SRKEKGGRRSP DEVTLTSIVP TRDGTAPPPQ SPSSPGSGQD EDWSDEESPR K VATGVRVRA LYDYAGQEAD ELSFRAGEEL LKMSEDEEQG WCQGQLQSGR IGLYPANYVE CVGA</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div>Key Benefits:</div> <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>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	PACSIN3
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Alternative Name:	Pacsin3 (PACSIN3 Products)
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Background:	<p>Protein kinase C and casein kinase II substrate protein 3,FUNCTION: Plays a role in endocytosis and regulates internalization of plasma membrane proteins. Overexpression impairs internalization of SLC2A1/GLUT1 and TRPV4 and increases the levels of SLC2A1/GLUT1 and TRPV4 at the cell membrane. Inhibits the TRPV4 calcium channel activity.</p> <p>{ECO:0000269 PubMed:11082044, ECO:0000269 PubMed:16627472, ECO:0000269 PubMed:17320047, ECO:0000269 PubMed:18174177}.</p>
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Molecular Weight:	48.6 kDa
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UniProt:	Q99JB8
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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