

Datasheet for ABIN7557021

Fascin 2 Protein (FSCN2) (AA 1-492) (His tag)



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Overview

Quantity:	1 mg
Target:	Fascin 2 (FSCN2)
Protein Characteristics:	AA 1-492
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fascin 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Fscn2 Protein expressed in mammalien cells.
Sequence:	<p>MPTNGLHQVL KIQFGLVND ADRYLTAESFG FKVNASAASL KRKQIWWLEP DPGQGTAVLF</p> <p>RSSHLGRYLS AEEDGRVACE MDQPGRDCRF LVLPQPDGRW VLQSEPHGRF FGGIEDRLSC</p> <p>FATAISPAEL WTVHLAIHPQ AHLLSVSRRR YVHLCLQEDE MAADGDMPWG VDALTILIFQ</p> <p>SRRYCLKSYD SRYLRSDGRL VWEPEAHACY TLEFKAGKLA FKDCDGRYLA PVGPAGTLKA</p> <p>GRNTRPSKDE LFDLEQSHQP VVLVAANRRY ISVRQGINVS ANQDEELGHE TFLMQIDQET</p> <p>KKCTFYSSSTG GYWTLVTHGG IQATATQVSA NTMFEIEWHG RRVALKASNG RFVCMKKNGQ</p> <p>LAAISDFVGE DELFTLKLIN RPLLVLRLGD GFVCHRRGSN QLDTNRSTYD VFHLSFRDGA</p> <p>YQIRGRGGGF WYTGSHGSVC SDGDLAEDFL FEFRRERGLA IRALSGKYLR GGASGLLRAD</p> <p>ADLPVGEALW EY 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>

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	Fascin 2 (FSCN2)
Alternative Name:	Fscn2 (FSCN2 Products)
Background:	<p>Fascin-2 (Retinal fascin),FUNCTION: Acts as an actin bundling protein. May play a pivotal role in photoreceptor cell-specific events, such as disk morphogenesis. Important for maintaining functional hair-cell bundles in the inner ear. May stiffen the longer stereocilia of hair-cell bundles in the inner ear enabling better force transmission to tip links.</p> <p>{ECO:0000269 PubMed:20660251}.</p>
Molecular Weight:	55.1 kDa
UniProt:	Q32M02

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.
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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