

Datasheet for ABIN7546375

## STRADA Protein (AA 1-431) (His tag)



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### Overview

Quantity:	1 mg
Target:	STRADA
Protein Characteristics:	AA 1-431
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STRADA protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant STRADA Protein expressed in mammalian cells.
Sequence:	<p>MSFLVSKPER IRRWVSEKFI VEGLRDLELF GEQPPGDTRR KTNDASSESI ASFSKQEVMS</p> <p>SFLPEGGCYE LLTVIGKGFE DLMTVNLARY KPTGEYVTVR RINLEACSNE MVTFLQGELH</p> <p>VSKLFNHPNI VPYRATFIAD NELWVTSFM AYGSAKDLIC THFMDGMNEL AIAYILQGV L</p> <p>KALDYIHHMG YVHRSVKASH ILISVDGKVY LSGLRNLSM ISHGQRQRVV HDFPKYSVKV</p> <p>LPWLSPEVLQ QNLQGYDAKS DIYSVGITAC ELANGHVPFK DMPATQMLLE KLNGTVPCLL</p> <p>DTSTIPAEEL TMSPSRSVAN SGLSDSLTTS TPRPSNGDSP SHPYHRTFSP HFHHFVEQCL</p> <p>QRNPDARPSA STLLNHSFFK QIKRRASEAL PELLRPVTPI TNFEQSQSQD HSGIFGLVTN</p> <p>LEELEVDDWE F <b>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.</b></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><div>Key Benefits:</div><ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul><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></div>
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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:	STRADA
Alternative Name:	STRADA ( <a href="#">STRADA Products</a> )
Background:	STE20-related kinase adapter protein alpha (STRAD alpha) (STE20-related adapter protein) (Serologically defined breast cancer antigen NY-BR-96),FUNCTION: Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation. {ECO:0000269 PubMed:12805220, ECO:0000269 PubMed:14517248, ECO:0000269 PubMed:19892943}.
Molecular Weight:	48.4 kDa
UniProt:	<a href="#">Q7RTN6</a>
Pathways:	<a href="#">AMPK Signaling</a>

## 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.
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