

Datasheet for ABIN7559356

## SLAIN2 Protein (AA 1-581) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLAIN2
Protein Characteristics:	AA 1-581
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAIN2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Slain2 Protein expressed in mammalian cells.
Sequence:	<p>MEDVNSNVNA DQEVRLQEL VKKLEKQNEQ LRSRSGAVQG AGLLGPGSPA RVGVSTPSSG</p> <p>AASPRGFPLG LGAKASGGAG SGPRRTSSED LRDATSLAA GEGGLLDEVE PLRPDELERL</p> <p>SGWEEEEESW LYSSPKKKLT PMQKVSPLV WCRQVLDYPS PDVECAKSL IHKLDQTMSA</p> <p>LKRQNLNNP FNSVSYNSY SPNASSPYSS GFNSPSTPV RPPIVKQLIL PGNSGNFKSS</p> <p>SDRNPLSPQ SSIDSELSAS ELDEDSIGSN YKLNDVTDVQ ILARMQESL RQEYAASR</p> <p>RSSGSSCNST RRGTFSDQEL DAQSLDDEDD SLQHAVHPAL NRFSPSPRNS PRPSPKQSPR</p> <p>NSPRSRSPAR GIEYSRASPQ PMISRLQQR LSLQGHPTDL QTSNVKNEEK LRRSLPNLSR</p> <p>TSSTQVDSVK SSRSDSNFQV PNGGIPRMQP QASAIKSPGK FRSPAAPSPL ALRQPVKA</p> <p>FNSHSGSGSQE TTQFTQTSS PGPPVVQNSA PANPSSNINS ATLTPAGTT AMRSGLP</p> <p>PRPSAPSAGGIPVP RSKLVQPVRR SLPAPKSYGS MKDDSWKDCG Y <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</b></p>

## Product Details

**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"><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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

## Target Details

Target:	SLAIN2
Alternative Name:	Slain2 ( <a href="#">SLAIN2 Products</a> )
Background:	SLAIN motif-containing protein 2,FUNCTION: Binds to the plus end of microtubules and regulates microtubule dynamics and microtubule organization. Promotes cytoplasmic microtubule nucleation and elongation. Required for normal structure of the microtubule cytoskeleton during interphase. {ECO:0000269 PubMed:21646404}.
Molecular Weight:	62.4 kDa
UniProt:	<a href="#">Q8CI08</a>

## 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
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Application Details

	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