

Datasheet for ABIN7561803

## Smok2b Protein (AA 1-484) (His tag)



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### Overview

Quantity:	1 mg
Target:	Smok2b (SMOK2B)
Protein Characteristics:	AA 1-484
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Smok2b protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Smok2b Protein expressed in mammalian cells.
Sequence:	<p>MENFHAQYVM LETIGHGGCS KVMLARHRLT GSHVAVKMIR KSECWCNPVM SEVELLMAD</p> <p>HPNIISLLQV IETKKKVYLI MELCEGKSLY QHIRNAGYLQ EDEARALFKQ LLSAMNYCHN</p> <p>QGIVHRDLKP DNIMVEKD GK VKIIDFGLGT QVKPGQKLNL FCGTYPFSAP EVLLSRPYDG</p> <p>PKIDVWTLGV VLYFMVTGKV PFDAASIQL VRQILAGKYF VPSRLSVELR DLISLLMTAN</p> <p>PKLRPTVAEV MVHPWVTEGS GVFPDPCEEQ MPLKPNPAIV KAMGYIGFQA QDIEDSLRQR</p> <p>KFNETMASYC LLKKQILKEC DRPIRAQPMN PSVTPFPSLV DTSTFHLGLR RRETEPTSLR</p> <p>LSANRQMSVC GRSTSKKRDR RFSWPSVSGR PLHTTHTMDH THTRTRSVPC IYSMFCTIQP</p> <p>NSSDDSTEGH TSASAEDKPV RSRGWPRGIK GWTRKIGNVM RKLCCCIPSK ETSHVGHRSRV SPKK</p> <p><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>

## Product Details

Characteristics:	<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>
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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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

Target:	Smok2b (SMOK2B)
Alternative Name:	Smok2b
Background:	Sperm motility kinase 2B (EC 2.7.11.1),FUNCTION: May play a role in sperm motility, especially in the regulation of flagellar function. {ECO:0000269 PubMed:10647005}.
Molecular Weight:	54.7 kDa
UniProt:	<a href="#">Q9QYZ3</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 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