

Datasheet for ABIN7561805

Smok2a Protein (AA 1-504) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Smok2a (SMOK2A)
Protein Characteristics:	AA 1-504
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Smok2a protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Smok2a Protein expressed in mammalian cells.
Sequence:	<p>MGSGSQKSE KLRSKPPFSE MENFHAQYEM LGTIGHGGST KVKLARHRLT GTHVAVKMIP KREYWCKPLM SEAELLMAD HPNIISLLQV IETKKKVYLI MELCEGKSLY QHIRNAGYLQ EDEARALFKQ LLSAINYCRN QGIVHRDLKP DNIMVEKDGR VKIIDFLGI QVKPGQKLNL FCGTYPFSAP EVLLSRPYDG PKIDVWTLGV VLYFMVTGKI PFDAASIEKL RKQIVAGKYS VPCRLSVKLH HLITLLMTDN PELRPTVAEV MMHPWVTKGS GVFPDPCEEQ IPLKPDPAIV KAMGHIGFQA QDIEDSLRQR KFNETMASYC LLKKQLKEC DRPIRAQPMN PSVTPFPSLV DTPTFHLGLR RRETEPTSLR LSANRQMSVC GRSTSKKRDR SFSWPGVLSR PINITPTMDQ THTCTRSVPC INSNFCIIHP NSSDESTEGH TSASAEDKPV RSRGWPRGIK GWTSKIGNAM RKLCCCIPSN ETSHLGQRRV SPKK 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

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- 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).

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

Smok2a (SMOK2A)

Alternative Name:

Smok2a ([SMOK2A Products](#))

Background:

Sperm motility kinase 2A (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:

56.8 kDa

UniProt:

[Q9QYZ6](#)

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