

Datasheet for ABIN7546146
SOHLH2 Protein (AA 1-425) (His tag)



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Overview

Quantity:	1 mg
Target:	SOHLH2
Protein Characteristics:	AA 1-425
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOHLH2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SOHLH2 Protein expressed in mammalian cells.
Sequence:	<p>MASSIIQEH CQISGQAKID ILLVGDVTVG YLADTVQKLF ANIAEVTITI SDTKEAAALL DDCIFNMVLL KVPSSLSAEE LEAIKLIRFG KKKNTHSLFV FIIPENFKGC ISGHGMDIAL TEPLTMEKMS NVVKYWTTCPTNTVKTENAT GPEELGLPLQ RSYSEHLGYF PTDLFACSES LRNGNGLELN ASLSEFEKNK KISLLHSSKE KLRERIKYC CEQLRTLLPY VKGRKNDAAAS VLEATVDYVK YIREKISPAV MAQITEALQS NMRFCCKQQT PIELSLPGTV MAQRENSVMS TYSERGLQF LTNTCWNGCS TPDAESSLDE AVRVPSSAS ENAIGDPYKT HISSAASLN SLHTVRYYSK VTPSYDATAV TNQNISIHLP SAMPPVSKLL PRHCTSGLGQ TCTTHPNCLQ QFWAY</p> <p>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>
Characteristics:	Key Benefits:

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	SOHLH2
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Alternative Name:	SOHLH2 (SOHLH2 Products)
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Background:	Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 2,FUNCTION: Transcription regulator of both male and female germline differentiation. Suppresses genes involved in spermatogonial stem cells maintenance, and induces genes important for spermatogonial differentiation. Coordinates oocyte differentiation without affecting meiosis I (By similarity). {ECO:0000250 UniProtKB:Q6IUP1, ECO:0000250 UniProtKB:Q9D489}.
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Molecular Weight:	46.9 kDa
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UniProt:	Q9NX45
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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