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Datasheet for ABIN7562068
SYCE3 Protein (AA 1-88) (His tag)

Overview

Quantity:	1 mg
Target:	SYCE3
Protein Characteristics:	AA 1-88
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYCE3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Syce3 Protein expressed in mammalien cells.
Sequence:	MADSDPGRS YDNMLKMLSD LNKDLEKLL EMEKISVQAT WMAYDMVVMR TNPTLAESMR RLEDAFLNCK EEMEKNWQEL LTETKRKQ 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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien 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).

Product Details

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

Grade: custom-made

Target Details

Target: SYCE3

Alternative Name: Syce3 ([SYCE3 Products](#))

Background: Synaptonemal complex central element protein 3 (Testis-specific expressed protein 2) (TSEG-2),FUNCTION: Major component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Required for chromosome loading of the central element-specific SCS proteins, and for initiating synapsis between homologous chromosomes. Chromosome loading appears to require SYCP1. Required for fertility. May play a role in apoptosis of spermatogenic cells and pathogenesis of cryptorchidism. {ECO:0000269|PubMed:20407872, ECO:0000269|PubMed:21637789}.

Molecular Weight: 10.5 kDa

UniProt: [B5KM66](#)

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