

Datasheet for ABIN7546459
SYCE1 Protein (AA 1-351) (His tag)



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Overview

Quantity:	1 mg
Target:	SYCE1
Protein Characteristics:	AA 1-351
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYCE1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SYCE1 Protein expressed in mammalian cells.
Sequence:	MAGRSLTSKA EPTAGAVDRA EKAGGQDTSS QKIEDLMEMV QKLQKVGSL EPRVEVLINRI NEVQQA KKKAN KDLGEARTI CEALQKELDS LHGEKVHLKE ILSKKQETLR ILRLHCQEKE SEHRKHTML QECKERISAL NLQIEEEKNK QRQLRALFEE QLEDLMGQHK DLWDFHMPPER LAKEICALDS SKEQLLKEEK LVKATLEDVK HQLCSLCGAE GPSTLDEGLF LRSQEA AATV QLFQEEHRKA EELLAAAQR HQLQKQCQQ QQQKRQLKE ELEKHGMQVP AQAQSTQEEE AGPGDVASPK PLKGERPGAA HQAGPDVLIG QEDTLHPDLS PRGFQEIKEL F 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SYCE1
Alternative Name:	SYCE1 (SYCE1 Products)
Background:	Synaptonemal complex central element protein 1 (Cancer/testis antigen 76) (CT76),FUNCTION: Major component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Requires SYCP1 in order to be incorporated into the central element. May have a role in the synaptonemal complex assembly, stabilization and recombination. {ECO:0000250 UniProtKB:Q9D495}.
Molecular Weight:	39.7 kDa
UniProt:	Q8N0S2
Pathways:	M Phase

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