

Datasheet for ABIN7560642

**C14ORF39 Protein (AA 1-574) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	C14ORF39
Protein Characteristics:	AA 1-574
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C14ORF39 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Six6os1 Protein expressed in mammalian cells.
Sequence:	MNDNLFVSLD RLLLEFVFQY EQDISIKEDT IQRINKCLES IKENKANVSK LREAINKVDE DIAFHYKHSK EIKDSCSNWK PTCDFVHKHE DYIKDQLTAY QETNEKDKKM YHDYICQYED VLKQYQLKYS ETRFSCYYE KKKEHEEIKN RVLACTEQLQ LNETILMKFL VPAPFPSLTK WTLYVVNLRY RTQDILKRAN NFKRSFELE KEADDMEIEI NSLNKMARLF ESKTFSEALD EKNKNTEKRK EFEERIFEKD EQVSNRSSQN SLLLLPCESQ KFVRNMNSSE ARVTDKKEES SANQSKFVRS DVRQKENNPQ IFNDSGMDSN SKSSHIPAVK SSQGMQFRL NQPNYNQRIE KEHIDAECGD KETVRQVRES KCSTQALYIE HFGKSIENNS VEEERDENFP QTPETPSFLR TPEALKTPE MEKMQFPKSP FFEITKNATS EGHKQKDSPG FSFLMSYTSR SPGLNLFDSS VSDSEISSDQ FNEHYSVNL NPSSSQGIG NLF GKSEGED AFTFSFSSDS SHTFGAGKDD FSFPFSFEQD PSTMTSSSSK DFSSSQNKTKQ FMFF <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</b>

## Product Details

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### 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:

- 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

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Target: C14ORF39

Alternative Name: Six6os1 ([C14ORF39 Products](#))

Background: Protein SIX6OS1 (Six6 opposite strand transcript 1 homolog),FUNCTION: Meiotic protein that localizes to the central element of the synaptonemal complex and is required for chromosome synapsis during meiotic recombination (PubMed:27796301, PubMed:33508233). Required for the appropriate processing of intermediate recombination nodules before crossover formation (PubMed:27796301). {ECO:0000269|PubMed:27796301, ECO:0000269|PubMed:33508233}.

Molecular Weight: 66.9 kDa

UniProt: [Q9CTN5](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months