

Datasheet for ABIN7545858

**MAU2/KIAA0892 Protein (AA 1-613) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	MAU2/KIAA0892 (MAU2)
Protein Characteristics:	AA 1-613
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAU2/KIAA0892 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat MAU2 Protein expressed in mammalian cells.
Sequence:	MAAQAAAAAQ AAAAQAAQAE AADSWYLALL GFAEHFRTSS PPKIRLCVHC LQAVFPFKPP QRIEARTHLLQ LGSVLYHHTK NSEQARSHLE KAWLISQQIP QFEDVKFEAA SLLSELYCQE NSVDAAKPLL RKAIQISQQT PYWHCRLLFQ LAQLHTLEKD LVSACDLLGV GAEYARVVG EYTRALFLLS KGMLLLMERK LQEVHPLLTL CGQIVENWQG NPIQKESLRV FFLVLQVTHY LDAGQVKSVK PCLKQLQCCI QTISTLHDE ILPSNPADLF HWLPKEHMCV LVYLVTVMHS MQAGYLEKAQ KYTDKALMQL EKLKMLDCSP ILSSFQVILL EHIIMCRLVT GHKATALQEI SQVCQLCQQS PRLFSNHAQ LHTLLGLYCV SVNCMDNAEA QFTTALRLTN HQELWAFIVT NLASVYIREG NRHQEVLYSL LERINPDHSF PVSSHCLRAA AFYVRGLFSF FQGRYNEAKR FLRETLKMSN AEDLNRLTAC SLVLLGHIFY VLGNHRESNN MVVPAMQLAS KIPDMSVQLW SSALLRDLNK ACGNAMDAHE AAQMHQNFSSQ QLLQDHIEAC SLPEHNLITW TDGPPPQVQFQ AQNGPNTSLA SLL <b>Sequence without tag. The proposed Purification-Tag is based on</b>

**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.**

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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.

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Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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Grade:

custom-made

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## Target Details

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Target:

MAU2/KIAA0892 (MAU2)

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Alternative Name:

MAU2 ([MAU2 Products](#))

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Background:

MAU2 chromatid cohesion factor homolog (MAU-2) (Cohesin loading complex subunit SCC4 homolog),FUNCTION: Plays an important role in the loading of the cohesin complex on to DNA. Forms a heterodimeric complex (also known as cohesin loading complex) with NIPBL/SCC2 which mediates the loading of the cohesin complex onto chromatin (PubMed:28167679, PubMed:22628566). Plays a role in sister chromatid cohesion and normal progression through prometaphase (PubMed:16802858, PubMed:16682347). {ECO:0000269|PubMed:16682347, ECO:0000269|PubMed:16802858, ECO:0000269|PubMed:22628566, ECO:0000269|PubMed:28167679}.

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Molecular Weight:

69.1 kDa

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UniProt:

[Q9Y6X3](#)

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## Application Details

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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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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

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