

Datasheet for ABIN7557658  
**SIM2 Protein (AA 1-657) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SIM2
Protein Characteristics:	AA 1-657
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIM2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Sim2 Protein expressed in mammalian cells.
Sequence:	<p>MKEKSKNAAK TRREKENGEF YELAKLLPLP SAITSQLDKA SIIRLTTSYL KMRAVFPEGL GDAWGQPSRT GPLDSVAKEL GSHLLQTLDG FVFWASDGK IMYISETASV HLGLSQVELT GNSIYEYIHP SDHDEMTAVL TAHPPHHHL LQEYEIERSF FLRMKCVLAK RNAGLTCSGY KVIHCSGYLK IRQYMLDMSL YDSCYQIVGL VAVGQSLPPS AITEIKLHSN MFMFRASLDL KLIFLDSRVT ELTGYEPQDL IEKTLYHHVH GCDTFHLRYA HLLLLVKGQV TTKYYRLLSK LGGWVWVQSY ATVVHNSRSS RPHCIVSVNY VLTDVVEYKEL QLSLDQVSTS KSQESWRRTL STSQETRKSA KPKNTKMKT LRTNPYPPQQ YSSFQMDKLE CSQVGNWRTS PPTNAVAPPE QQLHSEASDL LYGPPYSLPF SYHYGHFLD SHVFSSKKPG LPAKFGQPQG SPCEVARFFL STLPASSECQ WHCANSLVPS SSSPAKNLSE PSPVNAARHG LVPNYEAPSA AARRFCEDPA PPSFPCGHY REEPALGPAK APRQASRDAA RLALARAPPE CCAPPPEPQ APAQLPFVLL NYHRVLARRG PLGSAAPGAP EAAGSLRPRH PGPVAASAPG APRPHYLGAS VIITNGR <b>Sequence</b> <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b></p>

## Product Details

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**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:

- 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: SIM2

Alternative Name: Sim2 ([SIM2 Products](#))

Background: Single-minded homolog 2 (SIM transcription factor) (mSIM),FUNCTION: Transcription factor that may be a master gene of CNS development in cooperation with Arnt. It may have pleiotropic effects in the tissues expressed during development.

Molecular Weight: 72.5 kDa

UniProt: [Q61079](#)

## 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

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