

Datasheet for ABIN7557653
SIM1 Protein (AA 1-765) (His tag)



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Overview

Quantity:	1 mg
Target:	SIM1
Protein Characteristics:	AA 1-765
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIM1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sim1 Protein expressed in mammalian cells.
Sequence:	MKEKSKNAAR TRREKENSEF YELAKLLPLP SAITSQLDKA SIIRLTTSYL KMRVVFPEGL GEAWGHTSRT SPLDNVGREL GSHLLQTLDG FIFVWAPDGK IMYISETASV HLGLSQVELT GNSIYEYIHP ADHDEMTAVL TAHQPYHSHF VQEYEIERSF FLRMKCVLAK RNAGLTCGGY KVIHCSGYLK IRQYSLDMSP FDGCYQNVGL VAVGHSLPPS AVTEIKLHSN MFMFRASLDM KLIFLDSRVA ELTGYPQDL IEKTLYHHVH GCDTFHLRCA HLLLLVKGVV TTKYYRFLAK QGGWVWVQSY ATIVHNSRSS RPHCIVSVNY VLTDTTEYKGL QLSLDQISAS KPTFSYTSSS TPTISDNRKG AKSRLSSSKS KSRTSPYPQY SGFHTERSES DHDSQWGGSP LTDTASPQLL DPERPGSQHE LSCAYRQFPD RSSLCYGFAL DHSRLVEDRH FHTQACEGGR CEAGRYFLGA PPTGRDPWWG SRAALPLTKA SPESREAYEN SMPHITSIHR IHGRGHWDED SVSSPDGGS ASESGDRYRT EQYQNSPHEP SKIETLIRAT QQMIKEEENR LQLRKAPPDQ LASINGAGKK HSLCFANYQQ PPPTGEVCHS SALASTSPCD HIQQREGKML SPHENDYDNS PTALSRISPP SSDRITKSSL ILAKDYLHSD MSPHQTAGDH PAISPNCFGS HRQYFDKHAY TLTGYALEHL

Product Details

YDSETIRNYS LGCNGSHFDV TSHLRMQPDP AQGHKGTSVI ITNGS **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:

- 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: SIM1

Alternative Name: Sim1 ([SIM1 Products](#))

Background: Single-minded homolog 1 (mSIM1),FUNCTION: Transcriptional factor that may have pleiotropic effects during embryogenesis and in the adult.

Molecular Weight: 85.5 kDa

UniProt: [Q61045](#)

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
