

Datasheet for ABIN7546098
SIM1 Protein (AA 1-766) (His tag)



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Overview

Quantity:	1 mg
Target:	SIM1
Protein Characteristics:	AA 1-766
Origin:	Human
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 GEAWGHSSRT SPLDNVREL GSHLLQTLDG FIFVVAPDGK IMYISETASV HLGLSQVELT GNSIYEYIHP ADHDEMTAVL TAHQPYHSHF VQEYEIERSF FLRMKCVLAK RNAGLTCGGY KVIHCSGYLK IRQYSLDMSP FDGCYQNVGL VAVGHSLPPS AVTEIKLHSN MFMFRASLDM KLIFLDSRVA ELTGYEPQDL IEKTLYHHVH GCDTFHLRCA HLLLLVKQV TTKYYRFLAK HGGWVWVQSY ATIVHNSRSS RPHCIVSVNY VLTDTHEYKGL QLSLDQISAS KPAFSYTSSS TPTMTDNRKG AKSRLSSSKS KSRTSPYPQY SGFHTESESE DHDSQWGGSP LTDTASPQLL DPADRPQSQH DASCAYRQFS DRSSLCYGFA LDHSRLVEER HFHTQACEGG RCEAGRYFLG TPQAGREPWW GSRAALPLTK ASPESREAYE NSMPHIASVH RIHGRGHWDE DSVVSSPDPG SASESGDRYR TEQYQSSPHE PSKIETLIRA TQQMIKEEEN RLQLRKAPSD QLASINGAGK KHSLCFANYQ QPPPTGEVCH GSALANTSPC DHIQREGKM LSPHENDYDN SPTALSRISS PNSDRISKSS LILAKDYLHS DISPHQTAGD HPTVSPNCFG SHRQYFDKHA YTLTGYALEH

Product Details

LYDSETIRNY SLGCNGSHFD VTSHLRMQPD PAQGHKGTSV IITNGS **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 (Class E basic helix-loop-helix protein 14) (bHLHe14),FUNCTION: Transcriptional factor that may have pleiotropic effects during embryogenesis and in the adult.

Molecular Weight: 85.5 kDa

UniProt: [P81133](#)

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
