



[Go to Product page](#)

Datasheet for ABIN2854093
SMC1A Protein (partial) (His tag)

Overview

Quantity:	100 µg
Target:	SMC1A
Protein Characteristics:	partial
Origin:	Schizosaccharomyces pombe
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMC1A protein is labelled with His tag.

Product Details

Sequence:	MGRLLRLEVE NFKSYRGHQI IGPFEFDTSI IGPNGAGKSN LMDAISFVLG VKSSHLRSTN VKELIYRGKI LQRDNTDFTD SSNPTTAYVK LMYELDNREQ REYKRAITPS GATEYKIDEE IVTFSEYCGS LQKENILVRA RNFLVFQGDV ETIASQSPLS LSKLVEQISG SLEYKSEYDK SKDEQDKAVN LSAHSFNKKR GINAELRQYQ EQKTEAERYQ SQKEKRDSAQ LVYLLWKLPH LEKSISSNMA EVTRLKADSI QLIERRDENT KEIEKLKEKE GSIRRNLLAF DRKVRKQEKL IASKRPELIS IAEKALESKS NLRKIQRKAA EIEKDYSQA STLQVLENQL TSLSAAEKEF LKDMQEKEQL KGLRLLPEDK EEYEGLRSEA DKLNNSLLFK LQTLNRNIKV TSQSKDSLTS IVGDLESKIK SLHESVSSLD TERADLLAKI NEKIESLELE KHDQKKRRLT YSELFHKTQE LNEELQSCLQ KILEASADRN ESKQDAKKRE ALYALKRIYP EVKGRIDLK TPTQKKYESA IAAALGKNFD AIVVETQAVA KECIDYIEQ RIGIMTFFPM DTIAASPVNQ KFRGTHKGAR LAIDVLNFES EYERVMISAV GNTLICDSMT V
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Characteristics:	Smc1 - Partial (Nter) - 72,07 kDa (w/o tag) - Structural maintenance of chromosomes protein 1, Tag His (Nter), purity 90 % , gene size 1893pb, O94383.2
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Product Details

Purity: 90 %

Target Details

Target: SMC1A

Alternative Name: Smc1 ([SMC1A Products](#))

Molecular Weight: 72,07 kDa (w/o tag)

Gene ID: 2540557

UniProt: [O94383](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: NaH₂PO₄ 100 mM, TrisHCl 10 mM, Urea 8M

Storage: -20 °C

Storage Comment: 4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles, addition of 20-40% glycerol improves cryoprotection)