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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
IASRPELIS IAEKALESKS NLRKIQRKAA EIEKDYSQA STLQVLENQL TSLSAAEKEF
LKDMQEKEQL KGLRLLPEDK EEYGLRSEA DKLNNSLLFK LQTLNRNIKV TSQSKDSLTS
IVGDLESKIK SLHESVSSLD TERADLLAKI NEKIESLELE KHDQKKRRLT YSELFHKTQE
LNEELQSCLQ KILEASADRN ESKQDAKKRE ALYALKRIYP EVKGRIDLC TPTQKKYESA
IAAALGKNFD AIVVETQAVA KECIDYIEQ RIGIMTFFPM DTIAASPVNQ KFRGTHKGAR
LAIDVLNFES EYERVMISAV GNTLICDSMT V

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

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)