

Recombinant Human SMC2 Protein, Biotinylated-tagged

Cat. No. SMC2-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMC2 protein, fused with Biotinylated-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	Predicted to enable ATP binding activity; chromatin binding activity; and single-stranded DNA binding activity. Involved in mitotic chromosome condensation. Located in condensed chromosome; cytoplasm; and nuclear lumen. Part of condensin complex.
Form	PBS buffer, pH 7.4.
Purity	>90 % as determined by SDS-PAGE.
Storage	Long Term Storage at -20 centigrade to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.5 mg/ml
Conjugation	Biotin

GENE INFORMATION

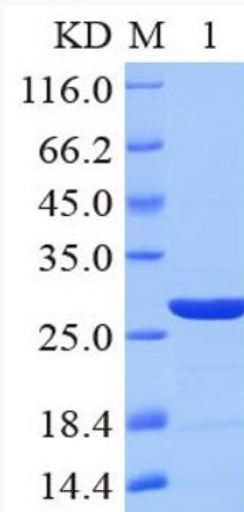
Gene Name	SMC2 structural maintenance of chromosomes 2 [Homo sapiens (human)]
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Official Symbol	SMC2
Synonyms	CAPE; CAP-E; SMC-2; SMC2L1
Gene ID	10592
mRNA Refseq	NM_006444.3
Protein Refseq	NP_006435.2
MIM	605576
UniProt ID	O95347

SDS-PAGE


SDS-PAGE analysis of purified recombinant SMC2.