

Recombinant Human SMC1B, His-tagged

Cat. No. SMC1B-2809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMC1B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	741-1091aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SMC1B structural maintenance of chromosomes 1B [Homo sapiens]
Official Symbol	SMC1B
Synonyms	SMC1B; structural maintenance of chromosomes 1B; SMC1 (structural maintenance of chromosomes 1, yeast) like 1 , SMC1 structural maintenance of chromosomes 1 like 2 (yeast) , SMC1L2; structural maintenance of chromosomes protein 1B; bK268H5; SMC-1B; SMC-1-beta; SMC protein 1B; SMC1 structural maintenance of

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	chromosomes 1-like 2; SMC1 (structural maintenance of chromosomes 1, yeast)-like 1; mitosis-specific chromosome segregation protein like protein beta; SMC1L2; SMC1BETA; bK268H5.5; FLJ43748;
Gene ID	27127
mRNA Refseq	NM_148674
Protein Refseq	NP_683515
MIM	608685
UniProt ID	Q8NDV3
Chromosome Location	22q13
Pathway	Cell Cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Chromosome Maintenance, organism-specific biosystem; Meiosis, organism-specific biosystem; Meiotic Synapsis, organism-specific biosystem; Oo
Function	ATP binding; nucleotide binding;