

Recombinant Human NSMCE1, His-tagged

Cat. No. NSMCE1-29732TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-266 of Human NSMCE1 With N terminal His tag; 34 kDa.
Species	Human
Source	E.coli
ProteinLength	1-266 a.a.
Description	NSMCE1 is a probable component of the SMC5-SMC6 complex, a complex involved in DNA double strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double strand breaks.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 85 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MQGSTRRMGVMTD VHRRFLQLLMTHGVLEEWDVKRLQTHC YKVHDRNATVDKLE DFINNINSVLESLEYIEIKRGVTD DGRPIYALVNLATTSISKMATDFAENELDLFRKALE

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LI IDSETGFASSTNILNLVDQLKGKKMRKKEAEQVLQKFV QNKWLIEKEGEFTLHGR
 AILEMEQYIRETYPDAVKICN ICHSLLIQGQSCETCGIRMHLPCVAKYFQSNAEPRCP
 HCNDYWPHEIPKVFDPEKERESGVLKSNKKSLRSRQH

Full Length Full L.

GENE INFORMATION

Gene Name	NSMCE1 non-SMC element 1 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	NSMCE1
Synonyms	NSMCE1; non-SMC element 1 homolog (<i>S. cerevisiae</i>); non-structural maintenance of chromosomes element 1 homolog; NSE1;
Gene ID	197370
mRNA Refseq	NM_145080
Protein Refseq	NP_659547
Uniprot ID	Q8WV22
Chromosome Location	16p12.1
Function	metal ion binding; zinc ion binding;

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