

NSMCE2 抗原（重组蛋白）

中文名称： NSMCE2 抗原（重组蛋白）

英文名称： NSMCE2 Antigen (Recombinant Protein)

别名： NSE2; MMS21; ZMIZ7; C8orf36

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	NSE2/MMS21 homolog, SMC5-SMC6 complex SUMO ligase
Synonyms:	NSE2; MMS21; ZMIZ7; C8orf36
Swissprot:	Q96MF7
Gene Accession:	BC032797
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	NSMCE2 is the E3 SUMO-protein ligase 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. NSMCE2 acts as a E3 ligase mediating SUMO attachment to various proteins such as SMC6L1 and TRAX, and maybe the cohesin components RAD21 and STAG2. SUMO protein-ligase activity is required for the prevention of DNA damage-induced apoptosis by facilitating DNA repair.

