

Recombinant Full Length Human NSMCE4A Protein, C-Flag-tagged

Cat. No. NSMCE4A-712HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NSMCE4A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Involved in positive regulation of response to DNA damage stimulus. Located in nuclear body. Part of Smc5-Smc6 complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	44.1 kDa
AA Sequence	MSGDSSGRGPEGRGRGRDPHRDRTSRSRSRSPLSRRSGSARERREAPERPS LEDTEPSDSGDEMMDP ASLEAEADQGLCRQIRHQYRALINSVQQNREDILNAGDKL TEVLEEANTLFNEVSRAREAVLDAHFLVLA SDLGKEKAKQLRSDLSSFDMLRYVETL LTHMGVNPLEAEELIRDEDSPDFEFIVYDSWKITGRTAENTFN KTHTFHFLLSIYGE CPVPKPRVDRPRKVPVIQEERAMPAQLRRMEESHQEATEKEVERILGLLQTYFRE D PDTPMSFFDFVVDPHSFPRTVENIFHVSFIIRDGFARIRLDQDRLPVIEPVSINEENEG FEHNTQVRNQ GIIALSYRDWEIVKTFEISEPVITPSQRQQKPSATRTRPLEQKLISEEDLAANDILDYKD DDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	NSMCE4A NSE4 homolog A, SMC5-SMC6 complex component [Homo sapiens (human)]
Official Symbol	NSMCE4A
Synonyms	NS4EA; NSE4A; C10orf86
Gene ID	54780
mRNA Refseq	NM_017615.3
Protein Refseq	NP_060085.2
MIM	612987

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UniProt ID

Q9NXX6



Coomassie blue staining of purified NSMCE4A protein.

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