

Recombinant Human NSMCE4A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NSMCE4A-1183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NSMCE4A MS Standard C13 and N15-labeled recombinant protein (NP_060085) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NSMCE4A (NSE4 Homolog A, SMC5-SMC6 Complex Component) is a Protein Coding gene. Diseases associated with NSMCE4A include Chromosome 10Q26 Deletion Syndrome and Amyotrophic Lateral Sclerosis 20. Among its related pathways are Metabolism of proteins and SUMOylation. An important paralog of this gene is EID3.
Molecular Mass	44.2 kDa
AA Sequence	MSGDSSGRGPEGRGRGRDPHRDTRSRSRSRSPLSRPSRRGSARERREAPERPS LEDTEPSDSGDEMMDPASLEAEADQGLCRQIRHQYRALINSVQQNREDILNAGDKL TEVLEEANTLFNEVSRAREAVLDAHFLVLASDLGKEKAKQLRSDLSSFDMLRYVETL LTHMGVNPLEAEELIRDEDESPDFEFIVYDSWKITGRTAENTFNKTHTFHLLGSIYGE CPVPKPRVDRPRKVPVIQEERAMPAQLRRMEESHQEATEKEVERILGLLQTYFRED PDTPMSEFFDFVVDPHSFPRPTVENIFHVSFIIRDGFARIRLDQDRLPVIPEVSINEENEG FEHNTQVRNQGIIALSYRDWEIVKTFEISEPVITPSQRQQKPSATRTRPLEQKLISEED LAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

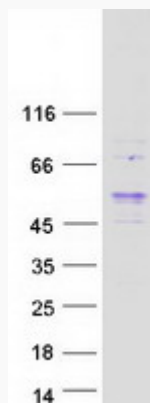
GENE INFORMATION

Gene Name	NSMCE4A NSE4 homolog A, SMC5-SMC6 complex component [Homo sapiens (human)]
Official Symbol	NSMCE4A
Synonyms	NSMCE4A; non-SMC element 4 homolog A (S. cerevisiae); C10orf86, chromosome 10 open reading frame 86; non-structural maintenance of chromosomes element 4 homolog A; bA500G22.3; FLJ20003; NSE4A; NS4EA; C10orf86;
Gene ID	54780
mRNA Refseq	NM_017615
Protein Refseq	NP_060085
MIM	612987
UniProt ID	Q9NXX6

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SDS-PAGE

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