Recombinant Mouse Spc24 Protein, Myc/DDK-tagged

Cat. No. Spc24-6084M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae) (Spc24), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore. The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules.
Molecular Mass	23.4 kDa
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 after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Spc24 SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae) [Mus musculus (house mouse)]
Official Symbol	Spc24
Synonyms	Spc24; SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae); Spbc; Spbc24; AV109292; 2410030K01Rik; kinetochore protein Spc24; spindle pole body component 24 homolog
Gene ID	67629
mRNA Refseq	NM_026282
Protein Refseq	NP_080558
UniProt ID	Q9D083

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