

Product datasheet for **TP518082**

Spc24 (NM_026282) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse SPC24, NDC80 kinetochore complex component, homolog (*S. cerevisiae*) (Spc24), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR218082 representing NM_026282
Red=Cloning site Green=Tags(s)

MAAFRDMVEVSNWLLSLLGANRAEAQRRLLGSYEQMMERLLEMQDGAYRQLRETLAVEEEVAQSLELK
ECTRQGDTELQQLEVELQRTSKEDTCVQARLRQLITELQELREMEELQRQERDVDEDNTVTIPSAYVVA
HLYHQISKIQWDYECEPGMIKGIHHGPTVAQPIHLDSAQLSPKFISDYLSLVDTTWEPEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 23.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_080558](#)

Locus ID: 67629

UniProt ID: [Q9D083](#)

RefSeq Size: 1349



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Cytogenetics: 9 A3

RefSeq ORF: 603

Synonyms: 2410030K01Rik; AV109292; Spbc24

Summary: 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.[UniProtKB/Swiss-Prot Function]