

Product datasheet for TP517957

Ska3 (NM_198605) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse spindle and kinetochore associated complex subunit 3 (Ska3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217957 protein sequence Red =Cloning site Green =Tags(s) MNPIQSFHCKLRGLATTLDSERALLRALDGEDSDFEDSPGRILHDLHSEVQTLKDNVNALLDEARLENQ ESTRFKKATKILMEKNSADVRLREFFQKYGYQARDKEDSGCEHRVNNSTPELAVCKDIQKAGVKELSDP CVPSGSVSEELRSPQLSDFGLQRYIISQVPANPPQTAASLKEERVAETPPAKDPSVQVLKTPRCALRMD DFECETPKLEHFGISEHTMCLNEDYTMGLKNMKNIKSSLLSGVSGEAGTGPVTSDNSFAIPGPPIIQME ENDVEYVSSPLPPKFCTPGLKIPSTMDRTDLVSDYPLSKPNSSTDLKDCVPLILNSDECYQSFAEP PSSAITSCENFATPSPPKVTAIPEDILQMITKHSSNLASPLDVKVMPPRRKGTRGAANKENW TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	45.4 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_941007
Locus ID:	219114
UniProt ID:	Q8C263


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RefSeq Size:	2260
Cytogenetics:	14 C3
RefSeq ORF:	1233
Synonyms:	F630043A04Rik
Summary:	<p>Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. The SKA1 complex is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies. The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner. In the complex, it mediates the microtubule-stimulated oligomerization. Affinity for microtubules is synergistically enhanced in the presence of the ndc-80 complex and may allow the ndc-80 complex to track depolymerizing microtubules.[UniProtKB/Swiss-Prot Function]</p>