Product datasheet for TP514964

Syce2 (NM_001168246) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptonemal complex central element protein 2 (Syce2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214964 protein sequence Red=Cloning site Green=Tags(s) MERHGSWLRSQVAAPPVELKDQEPPAIVESGEHRQSENHEETPGSVAPSASCQLPGPFSSLDSSIETLKK KAQELIENINESRQKDHALMTNFRDSLKMKVSDLTEKLEERMYQVYSHHSKIIQERLQEFTQKMAKINHL EMELKQVCQTVETVYKDLCVQSEVPTCEEQNYKDGEC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.8 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_001161718
Locus ID:	71846
UniProt ID:	E9PYH4
RefSeq Size:	929
Cytogenetics:	8 C3

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RefSeq ORF:	531
Synonyms:	1700013H19Rik; AA407907; Cesc1
Summary:	Major component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Requires SYCP1 in order to be incorporated into the central element. May have a role in the synaptonemal complex assembly, stabilization and recombination.[UniProtKB/Swiss-Prot Function]