

Product datasheet for TP522211

Syce1 (NM_001143765) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptonemal complex central element protein 1 (Syce1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222211 representing NM_001143765 Red =Cloning site Green =Tags(s)
	<p>MATRPQPLGMEPEGSADLLHGPEGARGQYGSTQKIEDLMDMVKKLQKVGSLPRIEVLINRINEVQQAKK KASEELGEAQTVDNLQKELDLLREEKVRLKDILNRKEETLRIMQLHCQEKESEAQRKHSMLQECKERIS FLNSQIDKEKAKLRKLRDLDFEEHLETLSQHKDTLEFHKPEHLTKEMCVLDSSKEQLLKKEEKLKMKVKLED VRQRLCALGGPEGSSSLIEGLFLRSHEAAAAMQMFKDENKKAEEFLEAAAQQHEQLQQRCHQLQQRQRL KEELEKHGVQILAHSTQNEEDSSWRMASPKPVEVHEETAQDQERPSSRT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	38.2 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_001137237
Locus ID:	74075
UniProt ID:	Q9D495



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RefSeq Size: 1462

Cytogenetics: 7

RefSeq ORF: 987

Synonyms: 4933406J07Rik

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]