

Recombinant Mouse Syce1 Protein, Myc/DDK-tagged

Cat. No. Syce1-6238M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length synaptonemal complex central element protein 1 (Syce1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	38.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Syce1 synaptonemal complex central element protein 1 [Mus musculus (house mouse)]
Official Symbol	Syce1
Synonyms	Syce1; synaptonemal complex central element protein 1; 4933406J07Rik; synaptonemal complex central element protein 1
Gene ID	74075
mRNA Refseq	NM_001143765
Protein Refseq	NP_001137237
UniProt ID	Q9D495

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