

Recombinant Human SYCP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYCP3-3955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYCP3 MS Standard C13 and N15-labeled recombinant protein (NP_710161) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein.
Molecular Mass	27.7 kDa
AA Sequence	MVSSGKKYSRKSGKPSVEDQFTRAYDFETEDKKDLGSEEDVIEGKTAVIEKRRKK RSSAGVVEDMGGEVQNMLEGVGVDINKALLAKRKRLEMYTKASLKTSNQKIEHVWK TQQDQRQKLNQEYSQQFLTLFQQWDLDMQKAEQEELNMFRRQQKILQQSRIV QSQRKTIKQLYEQFIKSMEELEKNHDNLLTGAQNEFKKEMAMLQKKIMMETQQQEI ASVRKSLQSMFLFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SYCP3 synaptonemal complex protein 3 [Homo sapiens (human)]

Official Symbol SYCP3

Synonyms SYCP3; synaptonemal complex protein 3; COR1; SCP3; SPGF4; MGC71888;

Gene ID 50511

mRNA Refseq NM_153694

Protein Refseq NP_710161

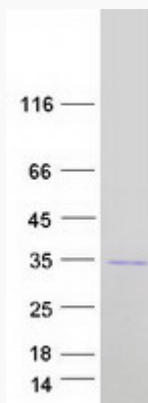
MIM 604759

UniProt ID Q8IZU3

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SDS-PAGE

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