Recombinant Full Length Human synaptonemal complex protein 3 Protein, His-tagged

Cat. No. SYCP3-12HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human synaptonemal complex protein 3 Protein (1-236 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-236 aa
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.
Tag	His
Molecular Mass	29 kDa
AA Sequence	MVSSGKKYSRKSGKPSVEDQFTRAYDFETEDKKDLSGSEEDVIEGKTAVIEKRRKK RSSAGVVEDMGGEVQNMLEGVGVDINKALLAKRKRLEMYTKASLKTSNQKIEHVWK TQQDQRQKLNQEYSQQFLTLFQQWDLDMQKAEEQEEKILNMFRQQQKILQQSRIV QSQRLKTIKQLYEQFIKSMEELEKNHDNLLTGAQNEFKKEMAMLQKKIMMETQQQEI ASVRKSLQSMLFHHHHHHHH

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Endotoxin	< 1 EU/μg by LAL
Purity	> 95% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 0.1% SKL
Concentration	1 mg/mL by BCA

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_001177948
Protein Refseq	NP_001171419
MIM	604759
UniProt ID	Q8IZU3

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