

Product datasheet for PH309340

SCP3 (SYCP3) (NM_153694) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SYCP3 MS Standard C13 and N15-labeled recombinant protein (NP_710161)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209340
Predicted MW:	27.7 kDa
Protein Sequence:	>RC209340 protein sequence Red=Cloning site Green=Tags(s) MVSSGKKYSRKSGKPSVEDQFTRAYDFETEDKKDLGSEEDVIEGKTAVIEKRRKRSSAGVVEDMGGEV QNMLEGVGVDINKALLAKRKRLEMYTKASLKTSNQKIEHVWKTQQDQRQKLNQEYSQQFLTLFQQWDLDM QKAEQEKEKILNMFRRQQKILQQSRIVQSQRKTIKQLYEQFIKSMEELEKNHDNLLTGAQNEFKKEMAM LQKKIMMETQQQEIASVRKSLQSMFLF TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_710161
RefSeq Size:	1137
RefSeq ORF:	708
Synonyms:	COR1; RPRGL4; SCP3; SPGF4
Locus ID:	50511
UniProt ID:	Q8IZU3 , A0A024RBF8

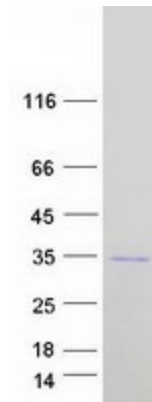


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Cytogenetics: 12q23.2

Summary: 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. [provided by RefSeq, May 2010]

Product images:



Coomassie blue staining of purified SYCP3 protein (Cat# [TP309340]). The protein was produced from HEK293T cells transfected with SYCP3 cDNA clone (Cat# [RC209340]) using MegaTran 2.0 (Cat# [TT210002]).