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Product datasheet for TP320187

SYCE1 (NM_130784) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens synaptonemal complex central element protein 1 (SYCE1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220187 representing NM_130784 Red=Cloning site Green=Tags(s) MEMVQKLQKVGSLEPRVEVLINRINEVQQAKKKANKDLGEARTICEALQKELDSLHGEKVHLKEILSKKQ ETLRILRLHCQEKESEAHRKHTMLQECKERISALNLQIEEEKNKQRQLRLAFEEQLEDLMGQHKDLWDFH MPERLAKEICALDSSKEQLLKEEKLVKATLEDVKHQLCSLCGAEGPSTLDEGLFLRSQEAAATVQLFQEE HRKAEELLAAAAQRHQQLQQKCQQQQQKRQRLKEELEKHGMQVPAQAQSTQEEEAGPGDVAPRPGRPVTW WS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_570140
Locus ID:	93426

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UniProt ID: Q8N0S2

RefSeq Size: 1400

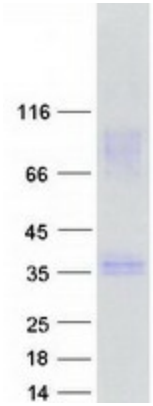
Cytogenetics: 10q26.3

RefSeq ORF: 846

Synonyms: C10orf94; CT76; POF12; SPGF15

Summary: This gene encodes a member of the synaptonemal complex, which links homologous chromosomes during prophase I of meiosis. The tripartite structure of the complex is highly conserved amongst metazoans. It consists of two lateral elements and a central region formed by transverse elements and a central element. The protein encoded by this gene localizes to the central element and is required for initiation and elongation of the synapsis. Allelic variants of this gene have been associated with premature ovarian failure and spermatogenic failure. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]

Product images:



Coomassie blue staining of purified SYCE1 protein (Cat# TP320187). The protein was produced from HEK293T cells transfected with SYCE1 cDNA clone (Cat# [RC220187]) using MegaTran 2.0 (Cat# [TT210002]).