

Product datasheet for **TP309060L**

SCML2 (NM_006089) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human sex comb on midleg-like 2 (Drosophila) (SCML2), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209060 protein sequence
Red=Cloning site Green=Tags(s)

MGQTVNEDSMDVKKENQEKTPQSSTSSVQRDDFHWEYLYKETGSISAPSECFRQSQIPPVNDFKVGMLKLE
ARDPRNATSVCIATVIGITGARLRLRLDGSNDRNDFWRLVDSPDIQPVGTCEKEGDLQPPPLGYQMNTSS
WPMFLLKTLNGSEMASATLFKKEPPKPLNFKVGMKLEAIDKKNPYLICPATIGDVKGDEVHITFDGWS
GAFDYWCKYDSRDIFPAGWCRLTGDVLQPPGTSVPIVKNIKTESPSEASQHSMQSPQKTTLLIPTQQV
RRSSRIKPPGPTAVPKRSSSVKNITPRKKGPNSSGKKEKPLVICSTSAASLKSLLTRDRGMLYKDVASGPC
KIVMSTVCVYVKNKHGNGFPHLDPKRIQLPDHFGPGPVNWLRRIVQACVDCALETKT VFGYLKPDNRGG
EVITASFDGETHSIQLPPVNSASFALRFLFNCHSLQCDNLLSSQPFSSSRGHTHSSAEHDKNQSAKEDV
TERQSTKRSPQQTVPYVPLSPKLPKTKEYASEGEPLFAGGSAIPKEENLSEDSKSSSLNSGNYLNPACR
NPMYIHTSVSQDFRSVPGTTSSPLVGDISPSSPHEVKFQMQRKSEAPSYIAVPDPSVLKQGFSGKDPST
WSVDEVIQFMKHTDPQISGPLADLFRQHEIDGKALFLLKSDVMMKYMGLKLGPAKLCYYIEKLKEGKYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 77.1 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.

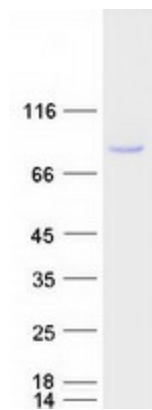
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.



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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:	<u>NP_006080</u>
Locus ID:	10389
UniProt ID:	<u>Q9UQR0</u>
RefSeq Size:	4212
Cytogenetics:	Xp22.13
RefSeq ORF:	2100
Summary:	This gene encodes a member of the Polycomb group proteins. These proteins form the Polycomb repressive complexes which are involved in transcriptional repression. The encoded protein binds histone peptides that are monomethylated at lysine residues and may be involved in regulating homeotic gene expression during development. [provided by RefSeq, Jun 2010]
Protein Families:	Transcription Factors

Product images:

Coomassie blue staining of purified SCML2 protein (Cat# [TP309060]). The protein was produced from HEK293T cells transfected with SCML2 cDNA clone (Cat# [RC209060]) using MegaTran 2.0 (Cat# [TT210002]).