

Recombinant Human SCM1, His-tagged

Cat. No. SCM1-28619TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 287-591 of Human SCM1 Isoform 4 with N terminal His tag; Predicted MWt 35 kDa.
Species	Human
Source	E.coli
ProteinLength	287-591 a.a.
Description	Polycomb protein SCM1 is a protein that in humans is encoded by the SCM1 gene.
Conjugation	HIS
Tissue specificity	Strongly expressed in heart, muscle and pancreas. Weakly expressed in brain, placenta, lung, liver and kidney.
Form	Lyophilised:Reconstitute with 79 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	TPEPDTSTVPQDAATIPSSAMQAPTVCIYLNKNGSTGPHL DKKKVQQLPDHFGPAR

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acids

ASVVLQQAVQACIDCAYHQKTV FSFLKQGHGGEVISAVFDREQHTLNLPVNSITYV
 LRF LEKLCHNLRSDNLFQNPFTQTHLSLTAIEYSHSHDRY LPGETFVLGNSLARS
 EPHSDSMDSASNPTNLVSTSQRHR PLLSSCGLPPSTASAVRRLCSRGSDRYLES
 DASRLSG RDPSSWTVEDVMQFVREADPQLGPHADLFRKHEIDGKA LLLLRSDMM
 MKYMGLKLGPAKLSYHIDRLKQGKF

Sequence Belongs to the SCM family. Contains 2 MBT repeats. Contains 1 SAM (sterile alpha motif) domain.

Similarities

GENE INFORMATION

Gene Name [SCMH1 sex comb on midleg homolog 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [SCMH1](#)

Synonyms SCMH1; sex comb on midleg homolog 1 (Drosophila); polycomb protein SCMH1; Scml3;

Gene ID [22955](#)

mRNA Refseq [NM_001031694](#)

Protein Refseq [NP_001026864](#)

Uniprot ID [Q96GD3](#)

Chromosome Location 1p34

Function DNA binding; sequence-specific DNA binding transcription factor activity;

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