

Recombinant Human SCML1 protein ab198655

Description

Product name	Recombinant Human SCML1 protein
Purity	> 90 % SDS-PAGE. ab198655 was expressed in E.coli as inclusion bodies, refolded using unique "temperature shift inclusion body refolding" technology, chromatographically purified and sterile filtered.
Expression system	Escherichia coli
Accession	<u>Q9UN30-2</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MASMTGGQQMGRGHHHHHHENLYFQGEFMSNSSSEIDV QEPNIVSDASCN TEEQLKTVDDVLIHCQVIYDALQNLDKKIDVIRRKVSKIQRF HARSLWTN HKRYGYKKHSYRLVKKLKLQKMKKNEVYETFSYPESYSPT LPVSRRENNS PSNLPRPSFCMEEYQRAELEEDPILSRTPSPVHPSPDFSE HNCQPYASDG ATYGSSSGLCLGNPRADSIHNTYSTDHASAAPPSVTRSPV ENDGYIEEGS ITKHPSTWSVEAVVLFLKQTDPLALCPLVDLFRSHEIDGKA LLLLTSDVL LKHLGVKLGTAVKLCYYIDRLKQGKCFEN
Predicted molecular weight	37 kDa including tags
Amino acids	2 to 302
Tags	His-T7 tag N-Terminus
Additional sequence information	cDNA was constructed with codon optimization and expressed with a small T7-His-TEV cleavage site Tag (31aa) fusion at its N-terminal (NP_006737.2).

Specifications

Our **Abpromise guarantee** covers the use of **ab198655** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -80°C.
pH: 8.00
Constituent: 0.32% Tris HCl

Contains NaCl, KCl, EDTA, arginine, DTT and Glycerol.

General Info

Function Putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development. May be involved in spermatogenesis during sexual maturation.

Tissue specificity Ubiquitous. Expressed in fetal and adult tissues.

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

Cellular localization Nucleus.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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