

Product datasheet for PH312954

SCML1 (NM_001037540) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SCML1 MS Standard C13 and N15-labeled recombinant protein (NP_001032629)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212954
Predicted MW:	37.3 kDa
Protein Sequence:	>RC212954 representing NM_001037540 Red=Cloning site Green=Tags(s) MMSNSSSEIDVIKTRIPYDEDDNTILYAYETKPEFVNKEPNIVSDASCNTEEQKLTVDVLIHCQVIYD ALQNLDDKIDVIRRKVSKIQRFHARSLWTNHKRYGYKKHSYRLVKLKLQMKKNEVYETFSYPEYSYPT LPVSRRENNSPSNLPRPSFCMEEYQRAELEEDPILSRTSPVHPSDFSEHNCQPYASDGATYGSSSGLC LGNPRADSIHNTYSTDHASAAPPVTRSPVENDGYIEEGSITKHPSTWSVEAVVLFKQTDPLALCPLVD LFRSHEIDGKALLLLTSDVLLKHLGVKLGTAVKLCYYIDRLKQGKCFEN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001032629
RefSeq Size:	2923
RefSeq ORF:	987
Locus ID:	6322
UniProt ID:	Q9UN30



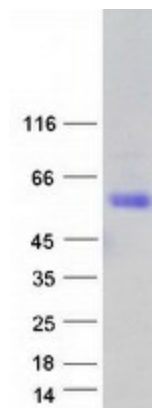
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Cytogenetics: Xp22.13

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified SCML1 protein (Cat# [TP312954]). The protein was produced from HEK293T cells transfected with SCML1 cDNA clone (Cat# [RC212954]) using MegaTran 2.0 (Cat# [TT210002]).