

Product datasheet for PH308438

SMARCAD1 (NM_020159) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMARCAD1 MS Standard C13 and N15-labeled recombinant protein (NP_064544)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208438
Predicted MW:	117.6 kDa
Protein Sequence:	>RC208438 protein sequence Red=Cloning site Green=Tags(s)

MNLFNLDLDRFRFEKRNKIEEAEATPQPSQPGSPISLSAEENEAGEVSRANTPDSITEKTEDSSVPE
TPDNERKASISYFKNQRGIQYIDLSSDSEDVSPNCSTVQEKTFNKDTVIVSEPSSEDEESQGLPTMAR
RNDIISELEDLSELEDLKDQKLQTLKELFPQRSNDLLKLIESTSTMDGAIAAAALLMFGDAGGGPRKRL
SSSSEPYEDEFNDQSIKKTRLDHGEESNESAESSNNWEKQESIVLKLQKQKFPNFDKQELREVLKEHEW
MYTEALESVKVFAEDQDMQYASQSEVPNGKEVSSRSQNYPKNATKTKLQKQKFSMKAQNGFNKRRKNVFN
QKRVEDSEYDSDGSDVGSLLDEYSSGEEVMDGYKGIHLHFLQDASIGELTLIPQCSQKKAQKITELRP
FNSWEALFTKMSKTNGLSEDLIWHCKTLIQERDVVIRLMNKCEDI SNKLTQVMTLTGNGGGWNIEQPSI
LNQSLSLKPYQKVLNWLALVHKHGLNGLADEMGLGKTIQAIAYLAYLYQEGNGPHLIVVPASTIDNW
LREVNLWCPTLKVLCYYGSQEERKQIRFNIHSRYEDYVIVTTYNCAISSDDRSLFRRLKLNIAIFDEG
HMLKNMGSIRYQHLMTINANNRLLL TGTPVQNNLELMSELLNFVMPHMFSSSTSEIRRMFSSKTKSADEQ
SIYEKERIAHAKQI IKPFILRRVKEEVKQLPPKKDRIELCAMSEKQEQLYGLFNRLKKSINNLVTEKN
TEMCNVMMQLRKMANHPLLHRQYYTAELKEMSQLMLKEPTHCEANPDLIFEDMEVMTDFELHVLCKQYR
HINNFDLMDLILDGSKFRVLGCILSELKQKGDVVLFQFTMMLDILEVLLKHHQHRYLRLDGKTQISE
RIHLIDEFNTDMDIFVLLSTKAGGLGINLTSANVVILHDIDCNPYNDKQAE DRCHRVGQTKEALVIKLI
SQGTIEESMLKINQQKLEQDMTTVDEGDEGSMPIADITLLKTSMGL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

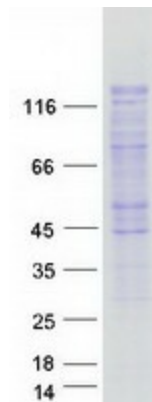
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



[View online »](#)

Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_064544
RefSeq Size:	5128
RefSeq ORF:	3084
Synonyms:	ADERM; BASNS; ETL1; HEL1; HRZ
Locus ID:	56916
UniProt ID:	Q9H4L7
Cytogenetics:	4q22.3
Summary:	This gene encodes a member of the SNF subfamily of helicase proteins. The encoded protein plays a critical role in the restoration of heterochromatin organization and propagation of epigenetic patterns following DNA replication by mediating histone H3/H4 deacetylation. Mutations in this gene are associated with adermatoglyphia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Product images:



Coomassie blue staining of purified SMARCAD1 protein (Cat# [TP308438]). The protein was produced from HEK293T cells transfected with SMARCAD1 cDNA clone (Cat# [RC208438]) using MegaTran 2.0 (Cat# [TT210002]).