

Product datasheet for **TP308438M**

SMARCAD1 (NM_020159) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCAD1), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208438 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MNLFNLDLDRFRFEKRNKIEEAPATPQPSQPGPSSPISLSAEEENAEGEVS RANTPDS DITEKTEDSSVPE
 TPDNERKASISYFKNQRGIQYIDLSSDSEDVSPNCSNTVQKTFNKD TVIIVSEPSEDEESQGLPTMAR
 RNDDISELEDLSELEDLKD AQLQLKELFPQRSDNDLLKLIESTSTMDGAIAAALLMFGDAGGGPRKRKL
 SSSSEPYEEDFNDDQSIKKTRLDHGEESNESAESSNNWEKQESIVLKLQKEFPNFDKQELREVLKEHEW
 MYTEALES LKVFAEDQDMQYASQSEVPNGKEVSSRSQNYPKNATKT KLKQKFSMKAQNGFNKRRKKNVFN
 QKRVVEDSEYDSGSDVGS SLDDEDYSSGEEVMEDGYKGKILHFLQDASIGELTLIPQCSQKKAQKITELRP
 FNSWEALFTKMSKTNGLSEDLIWHCKTLIQRD VVIRLMNKCEDISNKLTKQVTMLTGNGGGWNIEQPSI
 LNQSLSLKPYQKVGLNWLALVHKHGLNGILADEMGLGKTIQAI AFLAYLYQEGNNGPHLIVVPASTIDNW
 LREVNLCPTLKVLCYGSQEERKQIRFNIHSRYEDYNVIVTTYNCAISSD DRSLFRRLKLNIAIFDEG
 HMLKNMGSI RYQHLMTINANNRLLLTGTPVQNNLLELMSLLNFVMPHMFSSSTSEIRRMFSSKTKSADEQ
 SIYEKERIAHAKQIIKPFILRRVKEEV LKQLPPKKDRIELCAMSEKQEQLYLGLFNRLKKSINNLVTEKN
 TEMCNVMMQLR KMANHP LLHRQYYTAEKLEMSQLMLKEPTHCEANPDLIFEDMEVMTDFELHVLCKQYR
 HINNFQLDMDLILD SGKFRVLGCILSELKQKGDRVLF SQFTMMLDILEVLLKHHQHRYLRD GKTQISE
 RIHLIDEFN TDMDIFVLLSTKAGGLGINLTSANVIL HDIDCNPYNDKQAEDRCHRVGQTKEALVIKLI
 SQGTIEESMLKINQQK LKLEQDMTTVDEGDEGSMPADIATLLK TSMGL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

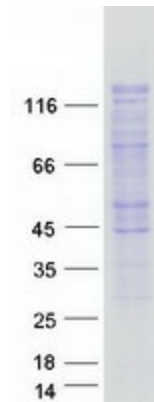
Tag:	C-Myc/DDK
Predicted MW:	117.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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:	NP_064544
Locus ID:	56916
UniProt ID:	Q9H4L7
RefSeq Size:	5128
Cytogenetics:	4q22.3
RefSeq ORF:	3084
Synonyms:	ADERM; BASNS; ETL1; HEL1; HRZ
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 adematoglyphia. 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]).