

## Product datasheet for **TP308438L**

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208438 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MNLFNLDLDRFRFEKRNKIEEAPATPQPSQPGPSSPISLSAEEENAEGEVSRRANTPDSITEKTEDSSVPE  
TPDNERKASISYFKNQRGIQYIDLSSDSEDVSPNCSNTVQKTFNKDVTIIVSESEDEESQGLPTMAR  
RNDDISELEDLSELEDLKDALKQLKELFPQRSDNDLLKLIESTSTMDGAIAAALLMFGDAGGGPRKRKL  
SSSEPEYEDEFNDDQSIKKTRLDHGEESNESAESSNNWEKQESIVLKLQKEFPNFDKQELREVLKEHEW  
MYTEALESCLKVFAEDQDMQYASQSEVPNGKEVSSRSQNYPKNATKTKLKQKFSMKAQNGFNKRRKKNVFN  
QKRVVEDSEYDSGSDVGSLLDEYSSGEEVMEDGYKGKILHFLQDASIGELTLIPQCSQKKAQKITELRP  
FNSWEALFTKMSKTNGLSEDLIWHCKTLIQRDQVIRLMNKCEDISNKLTKQVTMLTGNGGGWNIEQPSI  
LNQSLSLKPYQKVGLENWLALVHKHGLNGLADEMGLGKTIQAI AFLAYLYQEGNNGPHLIVVPASTIDNW  
LREVNLCPTLKVLCYGSQEERKQIRFNIHSRYEDYNVIVTTYNCAISSDRLFRRLKLNIAIFDEG  
HMLKNMGSIRYQHLMTINANNRLLLTGTPVQNNLLELMSLLNFVMPHMFSSSTSEIRRMFSSKTKSADEQ  
SIYEKERIAHAKQIIKPFILRRVKEEVKQLPDKDRIELCAMSEKQEQLYLGLFNRLKKSINNLVTEKN  
TEMCNVMMQLRKMANTHPLLHRQYYTAEKLEMSQLMLKEPTHCEANPDLIFEDMEVMTDFELHVLCKQYR  
HINNFQLDMDLILDSGKFRVLGCILSELKQKGDVFLFSQFTMMLDILEVLLKHHQHRYLRDGLDGTQISE  
RIHLIDEFN TDMDIFVLLSTKAGGLGINLTSANVILHDICNPYNDKQAEDRCHRVGQTKEALVIKLI  
SQGTIEESMLKINQQKLEQDMTTVDEGDEGSMADIATLLKTSMGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

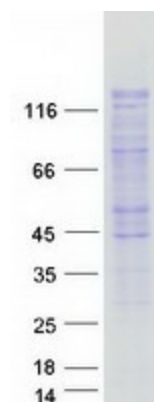
Tag:	C-Myc/DDK
Predicted MW:	117.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_064544</a>
<b>Locus ID:</b>	56916
<b>UniProt ID:</b>	<a href="#">Q9H4L7</a>
<b>RefSeq Size:</b>	5128
<b>Cytogenetics:</b>	4q22.3
<b>RefSeq ORF:</b>	3084
<b>Synonyms:</b>	ADERM; BASNS; ETL1; HEL1; HRZ
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).