

Recombinant Full Length Human SMARCAD1 Protein, C-Myc/DDK-tagged

Cat. No. SMARCAD1-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length protein of human SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 (SMARCAD1), transcript variant 3 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	117.2 kDa
AA Sequence	MNLFNLD RFRFEKRNKIEEAP EATPQPSQPGPSSPISLSAEEENAEGEVSRANTPDS DITEKTEDSSVPETPDNERKASISYFKNQRGIQYIDLSSDSEDVVS PNC SNTVQEKTF NKDTVII VSEPS EDEESQGLPTMARRNDDISELEDLSELEDLKD A KLQTLKELFPQRS DNDLLKLIESTSTMDGAIAAALLMFGDAGGGPRKRKLSSSSEPYEEDEFNDDQSIKK TRLDHGEESNESAESSNNWEKQESIVLKLQKEFPNFDKQELREVLKEHEW MYTEAL ESLKVFAEDQDMQYASQSEVPNGKEVSSRSQNYPKNATKTKLKQKFSMKAQNGFN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KKRKKNVFNQKRVEDSEYDSGSDVGSSLDDEDYSSGEEVMEDGYKGKILHFLQDA
 SIGELTLIPQCSQKKAQKITELRPFNSWEALFTKMSKTNGLSEDLIWHCKTLIQERDV
 VIRLMNKCEDISNKLTQVTMLTGNGGGWNIEQPSILNQSLSLKPYQKVGLNWLALV
 HKHGLNGILADEMGLGKTIQAIAYLYQEGNNGPHLIVVPASTIDNWLREVNWLWCP
 TLKVLCCYYGSQEERKQIRFNIHSRYEDYNVIVTTYNCAISSDDRS�FRRLKLNIAIFD
 EGHMLKNMGSIQYQHLMTINANNRLLLTGTPVQNNLLEMSLLNFVMPHMFSSSTSE
 IRRMFSSKTKSADEQSIYEKERIAHAKQIIKPFILRRVKEEVKQLPPEKDDRIELCAMSE
 KQEQLYLGLFNRLKKSINNLTVEKNTMCMNMMQLRKMANHPLLHRQYYTAEKLKE
 MSQMLMLKEPTHCEANPDLIFEDMEVMTDFELHVLCKQYRHINNFDLMDLILDSGKF
 RVLGCILSELKQKQKDRVVLFSQFTMMLDILEVLLKHHQHRYLRDLGKTQISERIHIDE
 FNTDMDIFVLLSTKAGGLGINLTSANVVILHDIDCNPYNDKQAEDRCHRVGQTKEAL
 VIKLISQGTIEESMLKINQQKLKLEQDMTTVDEGDEGSMPADIATLLKTSMLTRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Full Length	Full L.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

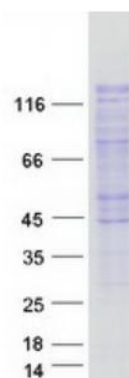
GENE INFORMATION

Gene Name	SMARCAD1 SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1 [Homo sapiens (human)]
Official Symbol	SMARCAD1
Synonyms	SMARCAD1; SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1; DKFZp762K2015; DKFZP762K2015; ETL1; KIAA1122; ATP-dependent helicase 1; HEL1; ADERM
Gene ID	56916
mRNA Refseq	NM_020159
Protein Refseq	NP_064544
MIM	612761
UniProt ID	Q9H4L7

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Coomassie blue staining of purified SMARCAD1 protein. The protein was produced from HEK293T cells transfected with SMARCAD1 cDNA clone

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA