

Product datasheet for **TP318308M**

SMARCA1 (NM_003069) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1 (SMARCA1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218308 representing NM_003069 Red =Cloning site Green =Tags(s)

MEQDTAAVAATVAAADATATIVVIEDEQPGPSTSQEEGAAAAATEATAATEKGEKKKEKNVSSFQLKLA
KAPKSEKEMDPEYEEKMKADRAKRFELFKQTELFHFQPSAQKSPSPLNMKLGPRRIKKDEKQSLIS
AGDYRHRRTQEEDDELLSESRTSNVCIRFEVSPSYVKGGLRDYQIRGLNWLISLYENGVNGILADEM
GLGKTLQTIALLGYLKHYRNIPGPHMVLVPKSTLHNWWMNEFKRWVPSLRVICFVGDKDARAAFIRDEMMP
GEWDVCVTSYEMVIKEKSVFKFHWRYLVIDEAHRIKNEKSKLSEIVREFKSTNRLLLTGTPNQNNLHEL
WALLNFFLPDVFNASDDFDSWFDTKNCLGDQKLVERLHAVLKPFLRRIKTDVEKSLPPKKEIKIYLGLS
KMQREWYTKILMKDIDVNLSSGKMDKMRLLNILMQLRKCCNHPYLFDAEPGPPYTTDEHIVSNSGKMV
LDKLLAKLKEQGSRLIFSQMTRLLDILEDYCMWRGYEYCRDLGQTPHEEREDKFLEVEFLGQREAEAF
NAPNSSKFIFMLSTRAGGLGINLASADVILYDSDWNPQVDLQAMDRAHRIGQKKPVRVFRITDNTVEE
RIVERAEIKLRLDSIVIQQGRLIDQQSNKLAKKEMLQMRHGATHVFASKESLTDDETTILERGEKKT
AEMNERLQKMGESSLRNFRMDIEQSLYKFEGEDYREKQKLG MVIEWIEPPKRRERKANYAVDAYFREARV
EPKIPKAPRPPKQPNVQDFQFFPPRLFELLEKEILYRKTIGYKVP RNP DIPN PALAQREEQKKIDGAEP
LTPEETEEKEKLLTQGFTNWTKRDFNQFIKANEKYGRDDIDNIAREVEGKSPEEVM EYSAVFWERCNELQ
DIEKIMAIERGEARIQRRIKALDAKIARYKAPFHQLRIQYGTSGKKNYTEEDRFLICMLHKMGFD
RENVYEELRQCVRNAPQFRFDWFIKSRTAMEFQRRCNTLISLIEKENMEIEERERAEKKKRATKTPMVKF
SAFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

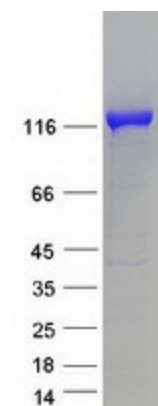
Tag:	C-Myc/DDK
Predicted MW:	122.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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_003060
Locus ID:	6594
UniProt ID:	P28370
RefSeq Size:	4124
Cytogenetics:	Xq25-q26.1
RefSeq ORF:	3162
Synonyms:	hSNF2L; ISWI; NURF140; SNF2L; SNF2L1; SNF2LB; SNF2LT; SWI; SWI2
Summary:	This gene encodes a member of the SWI/SNF family of proteins. The encoded protein is an ATPase which is expressed in diverse tissues and contributes to the chromatin remodeling complex that is involved in transcription. The protein may also play a role in DNA damage, growth inhibition and apoptosis of cancer cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified SMARCA1 protein (Cat# [TP318308]). The protein was produced from HEK293T cells transfected with SMARCA1 cDNA clone (Cat# [RC218308]) using MegaTran 2.0 (Cat# [TT210002]).