

Product datasheet for **TP318308L**

SMARCA1 (NM_003069) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| 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, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC218308 representing NM_003069 Red =Cloning site Green =Tags(s) |

MEQDTAAVAATVAAADATATIVVIEDEQPGPSTSQEEGAAAAATEATAATEKGEKKKEKNVSSFQLKLA
KAPKSEKEMDPEYEEKMKADRAKRFELKQTELFHFQPSAQKSPTSPLNMKLGPRRIKKDEKQSLIS
AGDYRHRRTQEEDDEELLESKRKTSNVCIRFEVSPSYVKGGLRDYQIRGLNWLISLYENGVNGLADEM
GLGKTLQTIALLGYLKHYRNIPGPHMVLVPKSTLHNWWMNEFKRWVPSLRVICFVGDKDARAAFIRDEMMP
GEWDVCVTSYEMVIKEKSVFKFHWRYLVIDEAHRIKNEKSKLSEIVREFKSTNRRLLTGTPNQNNLHEL
WALLNFFLPDVFNASDDFDSWFDTKNCLGDQKLVERLHAVLKPFLRRIKTDVEKSLPPKKEIKYLGLS
KMQREWYTKILMKDIDVNLSSGKMDKMRLLNMLQRLKCCNHPYLFDAEPGPPYTTDEHIVSNSGKMV
LDKLLAKLKEQGSRLIFSQMTRLLDILEDYCMWRGYEYCRDQTPHEEREDKFLVEFLGQREAEAF
NAPNSSKFIFMLSTRAGGLGINLASADVILYDSDWNPQVDLQAMDRAHRIGQKKPVRVFRITDNTVEE
RIVERAEIKLRLDSIVIQQRLIDQQSNKLAKKEMLQMRHGATHVFASKESLTDDEITILERGEKKT
AEMNERLQKMGESSLRNFRMDIEQSLYKFEGEDYREKQKLG MVIEWIEPPKRRERKANYAVDAYFREARV
EPKIPKAPRPPKQPNVQDFQFFPPRLFELLEKEILYRKTIGYKVP RNP DIPN PALAQREEQKKIDGAEP
LTPEETEEKEKLLTQGFTNWTKRDFNQFIKANEKYGRDDIDNIAREVEGKSPEEVM EYSAVFWERCNELQ
DIEKIMAIERGEARIQRRIKALDAKIARYKAPFHQLRIQYGTSGKKNYTEEDRFLICMLHKMGFD
RENVYEELRQCVRNAPQFRFDWFIKSRTAMEFQRRCNTLISLIEKENMEIEERERAEKKKRATKTPMVKF
SAFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

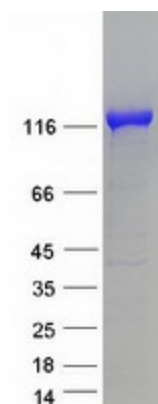
| | |
|----------------|---|
| Tag: | C-Myc/DDK |
| Predicted MW: | 122.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |



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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]).