

Product datasheet for TP308534M

SMARCC1 (NM_003074) 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 c, member 1 (SMARCC1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208534 representing NM_003074
Red=Cloning site Green=Tags(s)

MAAAAGGGPGTAVGATGSGIAAAAAGLAVYRRKDGGPATKFWESPETVSQLDVSRVWLGKHYKKYVHAD
APTNKTLAGLVVQLLQFQEDAFGKHVTNPAFTKLPKCFMDFKAGGALCHILGAAYKYKNEQGWRRFDLQ
NPSRMDRNVEMFMNIEKTLVQNNCLTRPNIYLIPDIDLKLANLKDIIKRHQGTFTDEKSKASHHIYPYS
SSQDDEEWLRPVMRKEKQVLVHWGFYDPSYDTWVHSNDVDAEIEDPPIPEKPWKVHVWVWILDTDIFNEWM
NEEDYEVDENRKPVSFRQRISTKNEEPVRSPEERRDRKASANARKRKHSPSPPTPTESRKKSGKKGQAS
LYGKRRSQKEEDEQEDLTKDMEDPTVPNIEEVVLPKNVNLKKDSENTPVKGGTVADLDEQDEETVTAGG
KEDEDPAKGDQSRVLDGEDNVTEQTNHIIIPSYASWFDYNCIHVIERRALPEFFNGKNKSKTPEIYLAY
RNFMIPTYRLNPQEYLTSTACRRNLTGDVCAVMRVHAFLEQWGLVNYQVDPESRPMAMGPPPTPHFNVLA
DTPSGLVPLHLRSPQVPAQAQMLNFPEKNKEKPVLDLQNFGLRTDIYSKTLAKSKGASAGREWTEQETLL
LLEALEMYKDDWNVKSEHVGSRQDECILHFLRLPIEDPYLENSDASLGPLAYQVPFQSGNPVMSTVA
FLASVVDPRVASAAAKAALFEFSRVREEVPLELVEAHVKVQEAARASGKVDPTYGLESSCIAGTGPDEP
EKLEGAEEEEKMEADPDGQQPEKAENKVENETDEGDKAQDGENEKNSEKEQDSEVSEDTKSEEKETEENKE
LTDTCKERESDTGKKKVEHEISEGNVATAAAAALASAATKAKHLAAVEERKIKSLVALLVETQMKKLEIK
LRHFELETIMDREKEALEQQRQQLLTERQNFHMEQLKYAELRARQQMEQQQHGGQNPQQAHQHSGGGPLA
PLGAAGHPGMMPHQPPPYPLMHHQMPPHPPQPGQIPGPGSMMPGQHMPGRMIPTVAANIHPGSGGPTP
PGMPPMPGNILGPRVPLTAPNGMYPPPPQQQPPPPPPADGVPPPPAPGPPASAAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 122.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

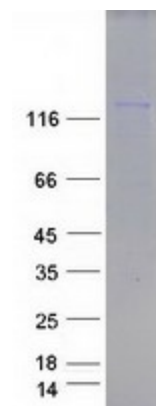
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_003065
Locus ID:	6599
UniProt ID:	Q92922 , Q58EY4
RefSeq Size:	5780
Cytogenetics:	3p21.31
RefSeq ORF:	3315
Synonyms:	BAF155; CRACC1; Rsc8; SRG3; SWI3
Summary:	The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and contains a predicted leucine zipper motif typical of many transcription factors. [provided by RefSeq, Jul 2008]
Protein Families:	Stem cell - Pluripotency, Transcription Factors

Product images:



Coomassie blue staining of purified SMARCC1 protein (Cat# [TP308534]). The protein was produced from HEK293T cells transfected with SMARCC1 cDNA clone (Cat# [RC208534]) using MegaTran 2.0 (Cat# [TT210002]).