

## Product datasheet for TP308534

### 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), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC208534 representing NM\_003074

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MAAAAGGGPGTAVGATGSGIAAAAAGLAVYRRKDGGPATKFWESPETVSQLDVSRVWLGKHYKKYVHAD  
 APTNKTLAGLVVQLLQFQEDAFGKHVTNPAFTKLPKCFMDFKAGGALCHILGAAYKYKNEQGWRRFDLQ  
 NPSRMDRNVEMFMNIEKTLVQNNCLTRPNIYLIPDIDLKLANLKDIIKRHQGTFTDEKSKASHHIYPYS  
 SSQDDEEWLRPVMRKEKQVLVHWGFYFSDYDTPVHNSNDVDAEIEDPPIPEKPWKVHVWVWILDTDIFNEWM  
 NEEDYEVDENRKPVSFRQRISTKNEEPVRSPEERRDRKASANARKRKHSPSPPTPTESRKKSGKKGQAS  
 LYGKRRSQKEEDEQEDLTKDMEDPTVPNIEEVVLPKVNVLKDKSENTPVKGGTVADLDEQDEETVTAGG  
 KEDEDPAKGDQSRVDLGEDNVTEQTNHIIIPSYASWFDYNCIHVIERRALPEFFNGKNKSKTPEIYLAY  
 RNFMIIDTYRLNPQEYLTSTACRRNLTGDVCAVMRVHAFLEQWGLVNYQVDPESRPMAMGPPPTPHFNVLA  
 DTPSGLVPLHLRSPQVPAQAQMLNFPEKNKEKPVLDLQNFGLRTDIYSKKTAKSKGASAGREWTEQETLL  
 LLEALEMYKDDWNVKSEHVGSRQDECILHFLRLPIEDPYLENSDASLGPLAYQVPVFSQSGNPVMSTVA  
 FLASVVDPRVASAAAKAALFEFSRVREEVPLELVEAHVKVQEAARASGKVDPTYGLESSCIAGTGPDEP  
 EKLEGAEEEEKMEADPDGQQPEKAENKVENETDEGDKAQDGENEKNSEKEQDSEVSEDTKSEEKETEENKE  
 LTDTCKERESDTGKKKVEHEISEGNVATAAAAALASAATKAKHLAAVEERKIKSLVALLVETQMKKLEIK  
 LRHFELETIMDREKEALEQQRQQLLTERQNFHMEQLKYAELRARQQMEQQQHGGQNPQQAHQHSGGPGLA  
 PLGAAGHPGMMPHQPPPYPLMHHQMPPPHPPQPGQIPGPGSMMPGQHMPGRMIPTVAANIHPSGSGPTP  
 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

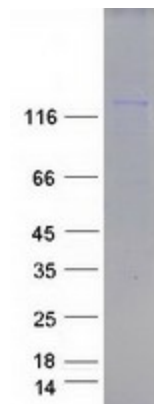
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<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_003065</a>
<b>Locus ID:</b>	6599
<b>UniProt ID:</b>	<a href="#">Q92922</a> , <a href="#">Q58EY4</a>
<b>RefSeq Size:</b>	5780
<b>Cytogenetics:</b>	3p21.31
<b>RefSeq ORF:</b>	3315
<b>Synonyms:</b>	BAF155; CRACC1; Rsc8; SRG3; SWI3
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).