

## Product datasheet for TP308534L

### 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), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC208534 representing NM\_003074  
Red=Cloning site Green=Tags(s)

MAAAAGGGPGTAVGATGSGIAAAAAGLAVYRRKDGGPATKFWESPETVSQLDVSRVWLGKHYKKYVHAD  
APTNTKLAGLVVQLLQFQEDAFGKHVTNPAFTKLPKCFMDFKAGGALCHILGAAYKYKNEQGWRRFDLQ  
NPSRMDRNVEMFMNIEKTLVQNNCLTRPNIIYLPIDIDLKLANLKDIIKRHQGTFTDEKSKASHHIYPYS  
SSQDDEEWLRPVMRKEKQVLVHWGFYFDSYDTWVHSNDVDAEIEDPPIPEKPWKVHVWVWILDTDIFNEWM  
NEEDYEVDENRKPVSFRQRISTKNEEPVRSPEERRDRKASANARKRKHSPSPPTPTESRKKSGKKGQAS  
LYGKRRSQKEEDEQEDLTKDMEDPTVPNIEEVVLPKNVNLKKDSENTPVKGGTVADLDEQDEETVTAGG  
KEDEDPAKGDQSRVLDGEDNVTEQTNHIIIPSYASWFDYNCIHVIERRALPEFFNGKNKSKTPEIYLAY  
RNFMIPTYRLNPQEYLTSTACRRNLTGDVCAVMRVHAFLEQWGLVNYQVDPESRPMAMGPPPTPHFNVLA  
DTPSGLVPLHLRSPQVPAQAQMLNFPEKNKEKPVLDLQNFGLRTDIYSKTLAKSKGASAGREWTEQETLL  
LLEALEMYKDDWNVKSEHVGSRQDECILHFLRLPIEDPYLENSDASLGPLAYQVPFQSGNPVMSTVA  
FLASVVDPRVASAAAKAALFEFSRVREEVPLELVEAHVKVQEAARASGKVDPTYGLESSCIAGTGPDEP  
EKLEGAEEEEKMEADPDGQQPEKAENKVENETDEGDKAQDGENEKNSEKEQDSEVSEDTKSEEKETEENKE  
LTDTCKERESDTGKKKVEHEISEGNVATAAAAALASAATKAKHLAAVEERKIKSLVALLVETQMKKLEIK  
LRHFELETIMDREKEALEQQRQQLLTERQNFHMEQLKYAELRARQQMEQQQHGGQNPQQAHQHSGGGPLA  
PLGAAGHPGMMPHQPPPYPLMHHQMPPPHPPQPGQIPGPGSMMPGQHMPGRMIPTVAANIHPGSGSGPT  
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

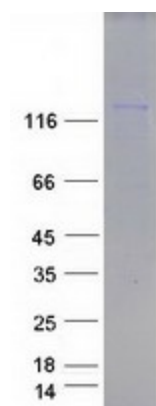
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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]).