

## Product datasheet for PH303774

### SMRC2 (SMARCC2) (NM\_139067) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SMARCC2 MS Standard C13 and N15-labeled recombinant protein (NP_620706)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203774
Predicted MW:	124.9 kDa
Protein Sequence:	>RC203774 protein sequence Red=Cloning site Green=Tags(s)

MAVRKKDGGPNVYEEAADTVTQFDNVRLWLGNKYKYYIQAEPPNKSLSLSSLVVQLLQFQEEVFGKHVSN  
APLTKLPIKCFDFKAGGSLCHILAAAYKFKSDQWRRYDFQNP SRMDRNVEMFMTIEKSLVQNNCLSRP  
NIFLCPEIEPKLLGKLDI IKRHQGTVTEDKNNASHVVYPVPGNLEEEEWV RVPV MKRDKQVLLHWGYYPD  
SYDTWIPASEIEASVEDAPTPEKPRKVHAKWILD TDTFNEWMNEEDYEVDNDKNPVSRRKKISAKLTDE  
VNSPDSDRRDKKGGNYKRRKRSPPSPTPEAKKNAKKGPPSTPYTKSKRGHREEEQEDLTKDMDEPSPVP  
NVEEVTLPKTVNTKKDSE SAPVKGGM TDLDEQEDESMTTGKDEDENSTGNKGEQTKNPD LHEDNVTEQ  
THHIIIPSYAAWFDYNSVHAIERRALPEFFNGKNKSKTPEIYLAYRNF MIDTYRLNPQEYL TSTACRRNL  
AGDVCAIMRVHAFLEQWGLINYQVDAESRPTPMGPPPTSHFHLADTPSGLVPLQPKTPQGRQVDADTKA  
GRKGKELDDLVPETAKGPELQTSASQQMLNFPDKGKEKPTDMQNFGLRTDMYTKKNVPSKSKAAASATR  
EWTEQETLLLLLEALEMYKDDWNKYSEHVGSR TQDECILHFLRLPIEDPYLEDSEASLGPLAYQPIPFQS  
GNPVMSTVAFLASVVDPRVASAAAKSAL EEF SKMKKEEVP TALVEAHVRKVEEAAKVTGKADPAFGLESSG  
IAGTTSDEPERIEESGNDEARVEGQATDEKKEPKEPREGGGAIEEEAKEK TSEAPKKDEEKGEKGDSEKE  
SEKSDGDP IVDPEKEKEPKEGQEEVLKEVVESEGERKTKVERDIGE GNLSTAAAAALAAA AVKAKHFAAV  
EERKIKSLVALLVETQMKKLEIKLRHFEELETIMDREREAL EYQRQQLADRQAFHMEQLKYAEMRARQQ  
HFQQMHQQQQPPALPPGSQPI PPTGAAGPPAVHGLAVAPASVVPAPAGSGAPPGLSPSEQIGQAGST  
AGPQQQPAGAPQPGAVPPGVPPPGPHGSPFPNQQT PPSMMPGAVPGSGHPGVADPGTLPDPDTPASP  
GTVTPVPPPQ

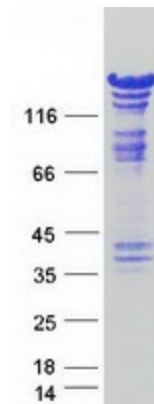
TRTRPLEQKLI SEEDLAANDILDYKDDDDK V

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_620706</a>
<b>RefSeq Size:</b>	5336
<b>RefSeq ORF:</b>	3390
<b>Synonyms:</b>	BAF170; CRACC2; CSS8; Rsc8
<b>Locus ID:</b>	6601
<b>UniProt ID:</b>	<a href="#">Q8TAQ2</a>
<b>Cytogenetics:</b>	12q13.2
<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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Transcription Factors

**Product images:**

Coomassie blue staining of purified SMARCC2 protein (Cat# [TP303774]). The protein was produced from HEK293T cells transfected with SMARCC2 cDNA clone (Cat# [RC203774]) using MegaTran 2.0 (Cat# [TT210002]).