

Recombinant Full Length Human SMARCC2 Protein

Cat. No. SMARCC2-505HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SMRC2 isoform 2 with a N terminal proprietary tag; Predicted MWt 150.30 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1130 amino acids
Description	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.
Form	Liquid
Molecular Mass	150.300kDa inclusive of tags
AA Sequence	MAVRKKDGGPNVKYYEADTVTQFDNVRLWLKGNYKKYIQ AEPPTNKSLSLVVQ LLQFQEEVFGKHVSNAPLTKLPIKC FLDFKAGGSLCHILAAAYKFKSDQGWRRYDF QNPSRMDRN VEMFMTIEKSLVQNNCLSRPNIFLCPEIEPKLLGKLDII KRHQGTVT EDKNNASHVVYPVPGNLEEEEWVRPVMKRDKQ VLLHWGYYPDSYDTWIPASEIEA

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SVEDAPTPEKPRKVHAK WILDTDTFNEWMNEEDYEVNDDKNPVSRRKKISAKTLTD
 E VNSPDSDRRDKKGGNYKKRKRSPSPSPPTPEAKKKNAKKGP STPYTKSKRGHRE
 EEQEDLTKDMDEPSPVPNVVEEVTLPKT VNTKKDSESAPVKGGTMTDLDEQEDES
 ETTGKDEDENST GNKGQTKNPD LHEDNVTEQTHHHIIPSYAAWFDYNSVHA IERR
 ALPEFFNGKNKSKTPEIYLAYRNF MIDTYRLNPQEY LTSTACRRNLAGDVCAIMRVH
 AFLEQWGLINYQVDAESRP TPMGPPPTSHFHVLA DTPSGLVPLQPKTPQGRQVDA
 DTKA GRKGKELDDLVPETAKGKPELQTSASQQMLNFPDKGKEP TDMQNFGRLT
 DMYTKKNVPSKSKAAASATREWTEQETLLL LEALEMYKDDWNKVSEHVGSRQTQDE
 CILHFLRLPIEDPYL EDSEASLGPLAYQPIPFSSQSGNPVMSTVAFLASVVDPRVA SA
 AAKSALEEF SKMKKEE VPTALVEAHVRKVEEA AAKVTGKA DPAFGLESSGIAGTTSDE
 PERIEESGNDEARVEGQATDEK KEPKEPREGGGAIEEEAKEKTSEAPKKDEEKGKE
 GDSEKE SEKSDGDPIVDPEKEKEPKEGQEEVLKEVVESEGERKTKV ERDIGEGNL
 STAAAAA LAAAAVKAKHFAAVEERKIKSLVA LLVETQMKKLEIKLRHFEELETIMDRE
 REALEYQRQQLLA DRQAFHMEQLKYAEMRARQQHFQQMHQQQQQPPPALPPGS
 QPIPTGAAGPPAVHGLAVAPASVVPAPAGSGAPPGLGP SEQIGQAGSTAGPQQ
 QQPAGAPQPGAVPPGVPPPGPHGPS PFPNQQTTPPSMMPGAVPGSGHPGVADPG
 TPLPPDPTAPSP GTVTPVPPPQ

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name SMARCC2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2 [Homo sapiens]

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Official Symbol	SMARCC2
Synonyms	SMARCC2; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2; SWI/SNF complex subunit SMARCC2; BAF170; CRACC2; Rsc8
Gene ID	6601
mRNA Refseq	NM_139067
Protein Refseq	NP_620706
MIM	601734
UniProt ID	Q8TAQ2

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