

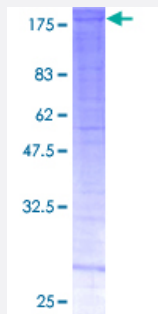
Full-Length

SMARCC2 (Human) Recombinant Protein (P01)

Catalog # H00006601-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SMARCC2 full-length ORF (AAH13045, 1 a.a. - 1130 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVRKKDGGPNVKYEEAADTVTQFDNVRLWLKGNYKKYQAEPPPTNKSLSLVVQLLQFQEEVF
GKHVSNAPLTKLPIKCFLDFKAGGSLCHILAAAYKFKSDQGWRRYDFQNPSRMDRNVEMFMTIEK
SLVQNNCLSRPNIFLCPEIEPKLLGKLDIIRHQGTVTEDKNNASHVVYPVPGNLEEEEWVRPVM
KRDQVLLHWGYPPDSYDTWIPASEIEASVEDAPTPEKPRKVHAKWILDTDTFNEWMNEEDYEV
NDDKNPVSRKKISAKLTDEVNSPDSDRRDKKGGNYKKRKRSPSPSTPEAKKKNAKKGPST
PYTKSKRGHREEEQEDLTQDMDEPSPVPNVEEVTLPKTVNTKKDSEAPVKGGTMTDLDEQED
ESMETTGKDEDENSTGNKGEQTKNPD LHEDNVTEQTHHIIIPSYAAWFDYNSVHAIERRALPEFFN
GKNKSKTPEMLAYRNF MIDTYRLNPQEYLSTACRRNLAGDVCAIMRVHAFLEQWGLINYQVDAES
RPTPMGPPPTSHFVLADTPSGLVPLQPKTPQGRQVDADTKAGRKGKELDDLVPETAKGKPEL
QTSASQQMLNFPDKGKEKPTDMQNFGLRTDMYTKKNVPSKSKAAASATREWTEQETLLLLLEALE
MYKDDWNKVSEHVGSRQDECIHLFLRLPIEDPYLEDSEASLGPLAYQPIFSSQSGNPVMSTVAF
LASVVDPRVASAAAKSALEEF SKMKEEVPTALVEAHVRKVVEEA AKVTGKADPAFGLESSGIAGT
TSDEPERIEESGNDEARVEGQATDEKKEPKEPREGGGAIEEEAKEKTSEAPKKDEEKGEKSDS
EKESKSDGDPVDPEKEKEPKEGQEEVLKEVVESEGERKTKVERDIGEGLNSTAAAAALAAAA
VKAKHF AAVEERKIKSLVALLVETQMKKLEIKLRHFEELETIMDREREAL EYQRQQLADRQAFHM
EQLKYAEMRARQQHFQQMHQQQQQPPALPPGSQPIPTGAAGPPAVHGLAVAPASVVPAPA
GSGAPPGSLGPSEQIGQAGSTAGPQQQQPAGAPQPGAVPPGVPPPGPHGSPSPFPNQQTTPPSM
MPGAVPGSGHPGVADPGTLPDPDPTAPSPGTVTPVPPPQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

149.93

Interspecies Antigen Sequence	Mouse (97); Rat (95)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SMARCC2

Entrez GeneID	6601
GeneBank Accession#	BC013045.1
Protein Accession#	AAH13045
Gene Name	SMARCC2
Gene Alias	BAF170, CRACC2, Rsc8
Gene Description	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2
Omim ID	601734
Gene Ontology	Hyperlink

Gene 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

SWI/SNF complex 170 kDa subunit|SWI/SNF-related matrix-associated actin-dependent regulator of chromatin c2|SWI3-like protein|chromatin remodeling complex BAF170 subunit|mammalian chromatin remodeling complex BRG1-associated factor 170