

Recombinant Human SMARCC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMARCC1-2348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMARCC1 MS Standard C13 and N15-labeled recombinant protein (NP_003065) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	122.9 kDa
AA Sequence	MAAAAGGGGPGTAVGATGSGIAAAAAGLAVYRRKDGGPATKFWESPETVSQLD RVWLKGKHYKKYVHADAPTNKTLAGLVVQLLQFQEDAFGKHVTNPAFTKLPKACFMD FKAGGALCHILGAAYKYKNEQGWRRFDLQNP SRMDRNVEMFMNIEKTLVQNNCLT RPNIYLIPDIDLKLANCLKDIIKRHQGTFTDEKSKASHHIYPYSSSQDDEEWLRPVMRK EKQVLVHWGFYPDSYDTWVHSNDVDAEIEDPPIPEKPKWKVHVKWILDTDIFNEWMN EEDYEVDENRKPVSRQRISTKNEEPVRSPERRDRKASANARKRKHSPSPPPPTPT ESRKSGKKGQASLYGKRRSQKEEDEQEDLT KD MEDPTVPNIEEVVLPKNVNLKK

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DSENTPVKGGTVADLDEQDEETVTAGGKEDEDPAKGDQSRVLDGEDNVTEQTNH
 IIPSYASWFDYNCIHVIERRALPEFFNGKNKSKTPEIYLAYRNFIDTYRLNPQEYLT
 TACRRNLTGDVCAVMRVHAFLEQWGLVNYQVDPESRPMAMGPPPTPHFNVLADTP
 SGLVPLHLRSPQVPAAQQMLNFPEKNKEKPVLDLQNFGLRTDIYSKKTAKSKGASA
 GREWTEQETLLLLLEALEMYKDDWNKVSEHVGSRQTDECILHFLRLPIEDPYLENSDA
 SLGPLAYQVPVFSQSGNPVMSTVAFLASVVDPRVASAAAKAALFEFSRVREEVPLEL
 VEAHVKKVQEAARASGKVDPTYGLESSCIAGTGPDEPEKLEGAEEEKMEADPDGQ
 QPEKAENKVENETDEGDKAQDGENEKNSEKEQDSEVSEDTKSEEKETEENKELTD
 TCKERESDTGKKKVEHEISEGNVATAAAAAALASAATKAKHLAAVEERKIKSLVALLVE
 TQMKKLEIKLRHFEELETIMDREKEALEQQRQQLLTERQNFHMEQLKYAELRARQQ
 MEQQQHGGQNPQQAHHQSGGPGGLAPLGAAGHPGMMPHQQPPPYPLMHHQMPPP
 HPPQPGQIPGPGSMMPGQHMPGRMIPTVAANIHPSGSGPTPPGMPPMPGNILGPR
 VPLTAPNGMYPPPPQQQPPPPPPADGVPPPPAPGPPASAAPTRTRPLEQKLISEED
 LAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Stability

Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration

50 µg/mL as determined by BCA

Storage Buffer

100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name

SMARCC1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily c member 1 [Homo sapiens (human)]

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Official Symbol	SMARCC1
Synonyms	SMARCC1; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1; SWI/SNF complex subunit SMARCC1; BAF155; CRACC1; Rsc8; SRG3; BRG1-associated factor 155; SWI/SNF complex 155 kDa subunit; chromatin remodeling complex BAF155 subunit; mammalian chromatin remodeling complex BRG1-associated factor 155; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1; SWI3;
Gene ID	6599
mRNA Refseq	NM_003074
Protein Refseq	NP_003065
MIM	601732
UniProt ID	Q92922
SDS-PAGE	