Recombinant Human SMARCC2, MYC/DDK-tagged

Cat. No. SMARCC2-2416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCC2 fused with C-terminal MYC/DDK, 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	124.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	SMARCC2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2 [Homo sapiens (human)]
Official Symbol	SMARCC2
Synonyms	SMARCC2; Rsc8; BAF170; CRACC2; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2; SWI/SNF complex subunit SMARCC2; SWI3-like protein; BRG1-associated factor 170; SWI/SNF complex 170 kDa subunit; chromatin remodeling complex BAF170 subunit; mammalian chromatin remodeling complex BRG1-associated factor 170; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2
Gene ID	6601
mRNA Refseq	NM_139067
Protein Refseq	NP_620706
MIM	601734
UniProt ID	Q8TAQ2
Chromosome Location	12q13.2
Pathway	Glucocorticoid receptor regulatory network; Prostate Cancer; TNF-alpha/NF-kB Signaling Pathway
Function	DNA binding; chromatin binding; transcription coactivator activity

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