

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|----------------------------|--|
| 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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA