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SMARCA4, 362-549aa, Human, His tag, E.coli

产品货号: TP03968

第三版

别名: Transcription activator BRG1 isoform A, BAF190, BAF190A, BRG1, hSNF2b, MRD16, RTPS2, SNF2, SNF2L4, SNF2LB, SWI2

描述: SMARCA4 is a member of the SWI/SNF family of proteins and is similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and 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, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Mutations in this gene cause rhabdoid tumor predisposition syndrome type 2. Multiple transcript variants encoding different isoforms have been found for this gene.. Recombinant human SMARCA4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量: 25.0kDa (211aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSDPVEILQEREYRLQARIAHRIQELENLPGSLAGDLRTKATIELKALRLLNFQRQLRQE
VVVCMRRDTALETALNAKAYKRSKRQSLREARITEKLEKQQKIEQERKRRQKHQEYLSILQHAKDFKEYHRSVTGKIQK
LTKAVATYHANTEREQKKENERIEKERMRLMAEDEEGYRKLIDQKKDKR

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.