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RAB23, 1-234aa, Human, His tag E.coli

产品货号: TP03628

第三版

别名: Ras-related protein Rab-23, DKFZp781H0695, HSPC137, MGC8900.

描述: RAB23, also known as ras-related protein Rab23, is a member of the Rab family of proteins and localizes to the cytoplasmic side of the cell membrane. This protein is thought to play a role in intracellular protein transportation and signal transduction mediated by small GTPases. RAB23 is an essential negative regulator of the Sonic hedgehog signaling pathway. Mutations in the gene encoding RAB23 may result in Carpenter syndrome a condition characterized by obesity, cardiac defects, polysyndactyly and craniosynostosis.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 1mM DTT, 0.1mM PMSF

分子量: 28.5 kDa (254aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMLEEDMEVAIKMVVVGNGAVGKSSMIQRYCKGIFTKDYKKTIGVDFLERQIQVNDEDV
RLMLWDTAGQEEFDAITKAYYRGAQACVLVSTTDRESFEAVSSWREKVVAEVGDIPVTLVQNKIDLLDDSCIKNEEA
LAKRLKLRFYRTSVKEDLVNEVFKYLAEKYLQKLKQQAEDPELTHSSSNKIGVFNTSGGSHSGQNSGTLNGGDVINLRP
NKQRTKKNRNPFS

纯度: > 95% by HPLC

浓度: 0.5 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.