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PARD6B, 1-372aa, Human, His tag, E.coli

产品货号: TP03291

第三版

别名: Partitioning defective 6 homolog beta, PAR6B

描述: Partitioning defective 6 homolog beta, also known as PAR6B, is a member of the PAR6 family and encodes a protein with a PSD95/Discs-large/ZO1 (PDZ) domain, an OPR domain and a semi-Cdc42/Rac interactive binding (CRIB) domain. Cellular asymmetry is critical for the development of multicellular organisms. PARD (partitioning-defective) proteins play important roles in asymmetric cell division and polarized growth, whereas Cdc42 and Rac mediate establishment of cell growth and polarity and contribute to oncogenic transformation by Ras. It is expressed in pancreas and in both adult and fetal kidney, and is weakly expressed in placenta and lung. Recombinant human PAR6B 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 2M Urea, 20% glycerol, 0.2M NaCl

分子量: 43.6 kDa (395aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMNRSRHRGAGSGCLGTMEVKSFKGAEFRFRFLERSKPGKFEEFYGLLQHVHKIPNV
DVLVGYADIHGDLLPINNDDNYHKAVSTANPLLRIFIQKKEEADYSAFGTDTLIKKKNVLTNVLRPDNHRKKPHIVISMPQ
DFRPVSSIIDVDILPETHRRVRLYKYGTEKPLGFYIRDGSSVRVTPHGLEKVPGIFISRLVPGGLAQSTGLLAVNDEVLEVNGI
EVSGKSLDQVTDMMIANSRNLITVRPANQRNNVVRNSRTSGSSGQSTDNSLLGYPQQIEPSFEPEDSEEDDIIIEDNGVP
QQIPKAVPNTESLESALTQIELSFESGQNGFIPSNEVSLAAIASSNTEFETHAPDQKLLLEEDGTIITL

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.