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RAB32, 1-225aa, Human, His tag, E.coli

产品货号: TP03635

第三版

别名: Ras-related protein Rab-32.

描述: RAB32 belongs to the small GTPase superfamily. RAB32 modulates ER calcium handling and disrupts the specific enrichment of calnexin on the MAM (mitochondria-associated membrane), while not affecting the ER distribution of protein-disulfide isomerase and mitofusin-2. Also, RAB32 determines the targeting of PKA (cAMP-dependent protein kinase) to mitochondrial and ER membranes and through its overexpression or inactivation increases the phosphorylation of Bad and of Drp1.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 50% glycerol, 200mM NaCl, 2mM EDTA

分子量: 27.6kDa (249aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMAGGGAGDPGLGAAAAPAPETREHLFKVLVIGELGVGKTSIIKRYVHQLFSQHY  
RATIGVDFALKVLNWD SRLVRLQLWDIAGQERFGNMTRVYYKEAVGAFVVFDISRSSTFEAVLKWKSDLDSKVHLPNGS  
PIPAVLLANKCDQNKDSSQSPSQVDQFCKEHGFAGWFETSAKDNINIEEAARFLVEKILVNHQSFPNEENDV D K I K L D Q E T  
LRAENKSQCC

纯度: > 95% by HPLC

浓度: 0.5mg/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.