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GD12, 1-445aa, Human, His tag, E.coli

产品货号: TP02225

第三版

别名:Rab GDP dissociation inhibitor beta isoform 1 , RABGDIB

描述:Rab GDP dissociation inhibitor beta isoform 1, also known as GD12, belongs to the GDP dissociation inhibitors (GDIs) family. GDIs can bind and release GDP-bound Rab proteins from membranes. Two GDI proteins towards different Rab proteins have been identified. GDI1 interacts with almost all of the Rab proteins, while GDI2 interacts with Rab11 but not Rab3A. GDI2 distributes ubiquitously, displaying a membrane bound location in perinuclear regions of cells. GDI-2 was thought to be involved in cellular response to insulin. Recombinant human GD12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量:53.1 kDa (468aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMNEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESASITPLEDLYKRFK
IPGSPPEMGRGRDWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVTEGSFVYKGGKIYKVPSTEAALASSLMGLFEKR
RFRKFLVYVANFDEKDPRTFEGIDPKKTTMRDVYKKFDLGQDVIDFTGHALALYRTDDYLDQPCYETINRIKLYSESLARY
GKSPYLYPLYGLGELPQGFARLSAIYGGTYMLNKPIEEIIVQNGKVIKSEGEIARCKQLICDPSYVKDRVEKVGQVIRVICI
LSHPIKNTNDANSCQIIPQNQVNRKSDIYVCMISFAHNVAAGKYIAIVSTTVETKEPEKEIRPALELLEPIEQKFVVISDILLV
PKDLGTESQIFISRTYDATTHFETTCDIKNYKRMTGSEFDFEEMKRKKNDIYGED

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.