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PICK1, 1-415aa, Human, His tag, E.coli

产品货号: TP03404

第三版

别名:PRKCA-binding protein, Protein interacting with PRKCA 1, PICK, PRKCABP

描述:PICK1 contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. PICK1 has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Recombinant human PICK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT

分子量:49.0 kDa (438aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMFADLDYDIEEDKLGIPVPGKVTLQKDAQNLIGISIGGGAQYCPCLYIVQVFDNT
PAALDGTVAAGDEITGVNGRSIKGKTKVEVAKMIQEVKGEVTIHYNKLQADPKQGMSLDIVLKKVKHRLVENMSSGTA
DALGLSRAILCNDGLVKRLEELERTAELYKGMTEHTKNLLRAFYELSQTHRAFGDVFSVIGVREPQPAASEAFVKFADAHR
SIEKFGIRLLKTIKPLMLDLNTYLNKAIPDTRLTIKKYLDVKFEYLSYCLVKEMDDEEYSCIALGEPLYRVSTGNYEYRLILRC
RQEARARFSQMRKDVLEKMELLDQKHVQDIVFQLQRLVSTMSKYNDYAVLRDADVFPIEVDLAHTTLAYGLNQEEFT
DGEEEEEEDTAAGEPSRDTRGAAGPLDKGGSWCDS

纯度:> 95% by HPLC

浓度:0.25 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.