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PRRT2, 1-268aa, Human, His tag, E.coli

产品货号: TP03547

第三版

别名:Proline-rich transmembrane protein 2 isoform 3, BFIC2, BFIS2, DSPB3, DYT10, EKD1, ICCA, IFITMD1, PKC

描述:PRRT2 is a transmembrane protein containing a proline-rich domain in its N-terminal half. Studies in mice suggest that it is predominantly expressed in brain and spinal cord in embryonic and postnatal stages. Mutations in this gene are associated with paroxysmal kinesigenic dyskinesia. Almost one third of sporadic PKC patients also carry PRRT2 mutations. Recombinant human PRRT2 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 0.15M NaCl, 10% glycerol, 1mM DTT.

分子量:29.7 kDa (291aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMASSEISEMKGVEESPKVPGEGPGHSEAETGPPQVLAVPDQPEAPQPGPNTTA
APVDSGPKAGLAPETTETPAGASETAQATDLSLSPGGESKANCSPEDPCQETVSKPEVSKEATADQGSRLSAAPPEPAPEP
APQPDPRPDSQPTPKPALQPELPTQEDPTPEILSESVGEKQENGAVVPLQAGDGEEGPAPEPHSPPSKKSPANGAPPRVLQ
QLVEEDRMRAHSGHPGSPRGSLSRHPSSQLAGPGVEGGEGTQKPRDY

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.